

GENTRAN:Server® for UNIX® and Workstation®

Getting Started Guide

Version 6.0

Sterling Commerce
An IBM Company

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Sterling Commerce, Inc.
4600 Lakehurst Court Dublin, OH 43016-2000 * 614/793-7000



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Welcome

Welcome to Sterling Commerce's GENTRAN:Server® electronic commerce software.

Who should use this guide

This guide is for all users of the GENTRAN:Server for UNIX or GENTRAN:Server Workstation products, version 6.0.

Description of content

This guide documents procedures for Application Integration subsystem (Application Integration Mapper) and the Visual Mapper. Unless otherwise stated, the procedures for using these mappers are the same.

Use the following table to determine which part of this guide will be most useful for you.

IF your company...	THEN you will...
is purchasing GENTRAN:Server for the first time	refer to chapters 1, 2, and 3 for information
purchased GENTRAN:Server version 5.4	refer to chapters 1, 2, and 3 for information
purchased GENTRAN:Server version 5.3 or prior	refer to chapters 1, 2, 3, and 4 for information

Reference

See the topic GENTRAN:Server Mappers for a comparison of the Application Integration Mapper and the Visual Mapper.

Assumptions

This book assumes that you are familiar with basic Windows concepts and commands, including:

- ▶ How to navigate and operate within the Windows environment
- ▶ How to use DOS commands and the DOS window from within the Windows desktop.

In addition, if you are using the GENTRAN:Server for UNIX product, this book assumes that you are familiar with basic UNIX concepts and commands.

Chapter Contents

Description of contents

This table describes the content of the chapters within the *Getting Started Guide*.

Chapter Title	Description
About This Guide	Explains the content, organization, and conventions in this guide, and how to get help if you encounter problems.
Introducing GENTRAN:Server	Describes the basic architecture of the GENTRAN:Server software.
Using GENTRAN:Server	Explains how to start and exit GENTRAN:Server, describes the user interface, and explains how to set default values for your system.
Working with Application Integration	Contains procedures for working with Application Integration Mapper files in Workstation and UNIX. Includes instructions for checking out, saving, and checking in files.
Working with the Visual Mapper	Contains procedures for working with Visual Mapper files in Workstation and UNIX. Includes instructions for checking out, saving, and checking in files.

Related Publications

GENTRAN:Server documentation

This table describes additional documentation for the GENTRAN:Server software.

Document	Description
Upgrade and Conversion Guide	Instructions for upgrading from previous versions of GENTRAN:Server Workstation and GENTRAN:Server for UNIX. Also includes instructions for converting the files that are part of the upgrade.
GENTRAN:Server for UNIX Installation and Setup Guide	Instructions for installing the GENTRAN:Server software and performing setup tasks, such as setting up security.
GENTRAN:Server Workstation Installation Instructions	Instructions for installing the GENTRAN:Server Workstation software and performing setup tasks.
Application Integration User's Guide	Instructions for performing mapping and translation tasks.
Mapping and Translation Guide	Instructions for performing mapping and translation tasks using the GENTRAN:Server Visual Mapper. Note This guide is provided only if you maintain maps created with GENTRAN:Server version 5.3 or prior.
NCPDP User's Guide	Instructions for mapping and translating NCPDP files with the Application Integration system.
XML User's Guide	Instructions for mapping and translating XML files with the Application Integration system. Note This guide is provided only if your organization has the GENTRAN:Server XML translation option.
ODBC User's Guide	Instructions for mapping and translating ODBC files with the Application Integration system. Note This guide is provided only if your organization has the GENTRAN:Server ODBC translation option.

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(Contd) Document	Description
GENCOD User's Guide	Instructions for mapping and translating GENCOD files with the Application Integration system and the Visual Mapper.
VDA User's Guide	Instructions for mapping and translating VDA files with the Application Integration system and the Visual Mapper.
Technical Reference Guide	Describes processes, lists command-line commands in alphabetical order, and describes file record layouts and data type formats.
Data Flow Administration Guide	<p>User instructions for configuring data flows using the GENTRAN:Server for UNIX software.</p> <p>Note This guide is provided only if you have the GENTRAN:Server EC Workbench or higher product level.</p>
Maintenance and Troubleshooting Guide	Instructions for maintaining your GENTRAN:Server installation. Also provides troubleshooting information to help determine the cause and solution of problems that may occur.
Advanced Data Distribution Guide	<p>Instructions for configuring and using the GENTRAN:Server Advanced Data Distribution product.</p> <p>Note This guide is provided only if you have GENTRAN:Server with Advanced Data Distribution.</p>
FTP Daemon User's Guide	Instructions for configuring and using the FTP Daemon tool with the Advanced Data Distribution product.
Online Help	Context-sensitive help screens describing the GENTRAN:Server dialog boxes for the mapping and translation features. Also includes procedures for using the mapping and translation and the data flow administration software.

(Continued on next page)

Documentation Conventions

Typographic conventions

This table describes the typographic conventions used in this guide.

Convention	Use
Italics	<p>This typeface is used for titles of other manuals and documents, names of files and file extensions, and to emphasize important information.</p> <p>Example <i>GENTRAN:Server Application Integration Guide</i></p>
Bold	<p>Bold type is used for names of fields on a dialog box, key terms the first time they are used within a chapter, and entries you are to make on-screen.</p> <p>Example A password is a set of characters a user must enter to gain access to a system.</p>

How to Get Help

Introduction This topic explains how to contact Sterling Commerce Product Support if you need assistance with GENTRAN:Server.

Scope of Support Services Sterling Commerce Product Support can provide assistance and information for the following:

- Installing GENTRAN:Server
- GENTRAN:Server product questions
- Software revisions and upgrades
- Implementing a specific feature
- How to use GENTRAN:Server
- The status of your support call
- Requests for product enhancements

Unfortunately, Sterling Commerce Product Support cannot assist you with problems involving the following, but we may be able to suggest a next step or another vendor to call:

- Your hardware
- Your operating system or other system software
- Your application or user-written programs
- Software not developed by Sterling Commerce
- Scripts written by Sterling Commerce consultants or service partners

Try this first Before you call Sterling Commerce Product Support, use your online software manuals to locate the section that documents the program or feature where you are having problems. The documentation may explain the software's behavior or give you insight to help you solve the problem.

Consult the *GENTRAN:Server Maintenance and Troubleshooting Guide* to learn if your specific problem has been addressed.

(Continued on next page)

Copy this page

Please feel free to make a copy of this page to enable you to contact support quickly and with complete information for the Customer Support Representative.

Necessary information

Be ready to provide this information when you call Product Support.

Your name
Your company name
Your telephone number
Your GENTRAN:Server version number
Your GENTRAN:Server product level and platform
Any software add-ons to your GENTRAN:Server system
A detailed description of the problem

(Continued on next page)

The sequence of steps that led to the problem

What actions you have taken to try to diagnose or resolve the problem

How to contact support

To determine how to contact support for your geographical location, go to the Sterling Commerce home page (www.sterlingcommerce.com) and then go to **Customer Support** for GENTRAN.



Introducing GENTRAN:Server

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Introduction

Welcome Welcome to GENTRAN:Server®, the electronic data interchange (EDI) software that makes it easy to manage data exchanges between you and your trading partners. The heart of electronic data interchange is the translation of data into and out of formats that are intelligible to computerized data management systems.

GENTRAN:Server enables you to exchange data with your trading partners. When you send application data, GENTRAN:Server converts your data into EDI standard formats that can be understood by your trading partners. When you receive data in a standardized format, GENTRAN:Server translates the data into a format your application can understand.

You use GENTRAN:Server to describe your applications, edit standards, maintain trading partnership information, and generate translation “maps,” which are sets of instructions for translating data.

Note

If your company purchased the XML translation option, you can also exchange data in XML format. See the *GENTRAN:Server XML User's Guide* for more information.

In this chapter This chapter contains background information about GENTRAN:Server that you should know before beginning to use the software.

Key terms This table describes key terms used in this chapter.

Term	Description
application	The business software generating the business information that you are sending or receiving electronically.
client	The computer in a client/server network that acts as the interface between the user and the server.
client/server	A computer network architecture in which data is stored and processing is performed on the server, which users access through the interface provided on the client.

(Continued on next page)

(Contd) Term	Description
default	A value that is automatically assigned.
EDI	Electronic Data Interchange. Application-to-application transfer of key business transaction information in a standard or XML format via a computer-to-computer communication link.
EDI standard	A format to regulate syntax, structure, and content of transaction data.
map	A file that contains the relationships between: <ul style="list-style-type: none"> ▶ The segments and elements of a standard EDI document and the data fields in your application, ▶ The elements in an XML document and the data fields in your application, EDI standard document, or in another XML document, ▶ The segments and elements of two different standards, or ▶ The records and fields of two different applications.
master directory	The directory on a PC or on a server that stores your master files.
master file	The version of a map that GENTRAN:Server uses to process data.
server	The computer in a client/server network that performs the major system security, data storage, and computing tasks.
standard format	A format intelligible to computerized data management systems.
temporary file	A file on the client that GENTRAN:Server uses during editing and compiling.
trading partner	The company, division, or group with which you are exchanging business data electronically.
Trading Partnership	An arrangement to exchange information in a specific document type with a specific trading partner and using a particular standard version. (Continued on next page)

(Contd) Term	Description
user directory	The directory on the server that temporarily holds the files being transferred from a client's working directory to the master directory on the server.
working file	A file that is stored in the user's working directory on the client while the user has it checked out for editing.
working file directory	The directory created on the client to hold the files that a user is editing.

GENTRAN:Server Features

Introduction This summary lists the features GENTRAN:Server provides for your translation needs.

Product versions There are two basic versions of GENTRAN:Server:

- GENTRAN:Server Workstation, which runs on a PC
- GENTRAN:Server for UNIX, which runs on a client/server architecture

GENTRAN:Server Workstation architecture The Workstation architecture provides:

- A Windows® interface.
- All files and processing on one machine.
- Single-user configuration; no file-sharing or security limitations.
- Standard GENTRAN:Server functions.

GENTRAN:Server for UNIX architecture The client/server architecture provides:

- An interface with a Windows look and feel.
- UNIX® computing power for processing-intensive tasks.
- Multi-user capability.
- System and file security.
- Availability of optional products, such as Advanced Data Distribution.

Multiple Help sources GENTRAN:Server provides Help through:

- Wizards to guide you through the key record-creation processes.
- Online Help with task-oriented content.
- Documentation provided on CD-ROM for online access.

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Automated functions

The following features automate many tasks for you.

Archiving

- Stores and retrieves both EDI and user-defined data
- Tracks key EDI activities; provides reports and audit trails of translations

Functional Acknowledgments

- Handles inbound and outbound functional acknowledgments and reconciliation
- Provides status information for each document

Task Scheduler

- Runs processes such as upload and download, translation, communications, and other tasks in a totally unattended mode
-

Mappers

There are two mappers available in GENTRAN:Server 6.0:

- the Application Integration subsystem (Application Integration Mapper)
- the Visual Mapper

Reference

See the topic [GENTRAN:Server Mappers](#) for a comparison of the Application Integration Mapper and the Visual Mapper.

GENTRAN:Server Mappers

Introduction This topic discusses the differences between the Application Integration Mapper and the Visual Mapper.

Which mapper to use GENTRAN:Server 6.0 is available to new and existing customers. The mapper you use depends on the version of GENTRAN:Server your company was using before purchasing GENTRAN:Server 6.0. Use the following table to determine which mapper you will use.

IF your company...	THEN you...
is purchasing GENTRAN:Server for the first time	will use the Application Integration Mapper.
purchased GENTRAN:Server version 5.4	will use the Application Integration Mapper.
purchased GENTRAN:Server version 5.3 or prior	will use the Application Integration Mapper to create new maps and the Visual Mapper to maintain your current maps.

Illustration The illustration identifies the Application Integration Mapper and the Visual Mapper buttons.



*Application Integration
Mapper button*

Visual Mapper button

Creating maps If both the Application Integration Mapper and the Visual Mapper are available to you, then you can create maps in either mapper. However, you cannot create a map in one mapper and save it to the other. Similarly, you can only open a map in the mapper in which it was created.

(Continued on next page)

Extensions

This table lists the map and associated file extensions.

IF the map is created using the...	THEN the map extension is...	AND the associated file extension is...
Application Integration Mapper	.map	.tpl
Visual Mapper	.vmp	.tbl

WARNING

If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.

For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.

GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.

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**Terminology:
Different terms
with same
definition**

In many instances, the Application Integration Mapper and Visual Mapper use the same terms and meanings. However, there are instances in which two different terms share the same definition. The following table lists the common definitions with the corresponding terms.

Definition	Application Integration Mapper Term	Visual Mapper Term
The standard transaction set GENTRAN:Server uses to acknowledge receipt of a transmission. The functional acknowledgement tells you if your trading partner received a document you sent.	Acknowledgement	Functional acknowledgement
A file that defines the layout of the records, fields, and groups in an application file.	File definition (.ddf)	Application description (.app)
The file that results when a map is compiled.	Translation object (.TPL)	Mapping table file (.TBL) Compiled map
A file that shows the relationships between input and output and defines how the system should translate the data.	map (.map)	Map File (.vmp)

Iftran options

Both the Application Integration Mapper and the Visual Mapper interface with Iftran, but the options available are different.

Reference

See the *GENTRAN:Server Technical Reference Guide* for more information.

GENTRAN:Server Workstation Strategy

Introduction This topic describes the GENTRAN:Server Workstation architecture.

Description A GENTRAN:Server Workstation installation installs all files on a PC. The PC stores the data, houses the user interface, and runs the processes.

Advantages The Workstation architecture provides the following advantages:

- ▶ Allows users familiar with PCs to learn quickly and easily how to use the GENTRAN:Server interface
- ▶ Provides a single-user control over data and processes

GENTRAN:Server for UNIX Client/Server Strategy

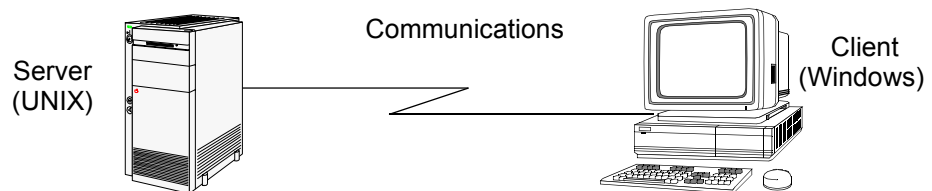
Introduction This topic describes the GENTRAN:Server for UNIX client/server architecture.

Description A GENTRAN:Server for UNIX installation consists of a UNIX server (host computer) connected by a network to client PCs. The server provides data, security, and translation processing, while the client computers provide the user interface, mapping tools, and the trading partnership maintenance module.

Advantages The client/server architecture provides the following advantages:

- ▶ A user interface with a Windows look and feel to allow users familiar with PCs to learn quickly and easily how to use the GENTRAN:Server interface
- ▶ UNIX computing power for processing-intensive tasks such as performing translation, without the expense of a UNIX box for every user
- ▶ A true multi-user system that allows only one user to edit a file at a time, but also allows other users view-only access to locked files
- ▶ Increased system and file security.

Architecture This illustration and accompanying table show the major components of the GENTRAN:Server for UNIX client/server architecture.



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Where components reside

This table shows which GENTRAN:Server components reside on the server and which on the client.

	Server	Client	Server or Client
Programs	<ul style="list-style-type: none"> ▶ Translator ▶ Archiver ▶ Security ▶ Utilities 	<ul style="list-style-type: none"> ▶ Mapper (Application Integration Mapper and Visual Mapper) editors ▶ Compiler ▶ Archive viewer ▶ Trading partner maintenance 	
Data	<ul style="list-style-type: none"> ▶ Maps and translation objects ▶ Trading partner records and associated files 	<ul style="list-style-type: none"> ▶ Temporary files 	<ul style="list-style-type: none"> ▶ Standard files (Application Integration Mapper) ▶ Standard files (Visual Mapper)

Environments

Environments are installations of the GENTRAN:Server software on the UNIX server. Usually, each installation is dedicated to a certain purpose. They are physically represented as branches in the directory tree structure and can be created for many purposes. They can be especially useful for providing a place to test changes without affecting normal activity.

Examples

Some examples of environments created for specific purposes follow.

Installations based on the activity performed:

- ▶ Development
- ▶ Testing
- ▶ Production

Installations based on the document generated:

- ▶ Purchase orders
- ▶ Invoices

Installations based on the industry of the trading partner:

- ▶ Automotive
- ▶ Aerospace
- ▶ Medical

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Security

Within each installation, the system administrator can assign different levels of access to a user for each of the major functions within GENTRAN:Server.

Functional areas

This table shows the basic functional areas and types of access that the system administrator may assign you.

Functional Area		Types of Access
Editors	Archive Retrieval	Full Access
	File Browser	View-only
	Trading Partner Preferences Settings	No Access
	Trading Partner Editor	
Programs	Process Control Manager	Full Access
	Archive load/unload/create/ purge	No Access
	TP/org/category/contact load/ unload/create	
	Run Program: D-ISAM File Operations	
	Server Workbench	
	Schedule Tasks to Run Automatically	
	Run Tools	
	Run Inbound and Outbound Translation	

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Levels of access

This table describes the different levels of access.

Level of Access	Description
Full Access	Gives you permission to view, copy, rename, load, unload, and edit files.
View	Gives you permission to view files, but not to alter them.
No Access	Prevents you from using an editor, viewing files, or running a program.

Example

By creating separate environments (installations) and assigning appropriate permissions, system administrators can assign users access appropriate to the work they perform. For example, a system administrator might have Full permission in all environments, while a user whose job is to process reports may have only View permission in the production environment and No Access permissions in all other environments.

Running Multiple Sessions

Definition A **session** is a single instance of the GENTRAN:Server application running in a window on your desktop.

GENTRAN:Server does not limit you to a single session; you can run more than one instance of GENTRAN:Server for UNIX client software or GENTRAN:Server Workstation at the same time. Each time you start GENTRAN:Server on your desktop, you start a new session. Each session runs in a different window. Running multiple sessions enables you to perform different GENTRAN:Server tasks in each window.

How many sessions can you run?

You can run:

- Up to four sessions of the GENTRAN:Server for UNIX client software at the same time on one Windows desktop
- Up to four sessions of GENTRAN:Server Workstation at the same time on one Windows desktop
- GENTRAN:Server Workstation and GENTRAN:Server for UNIX client software at the same time on one desktop.

Example

You run three simultaneous sessions of the GENTRAN:Server for UNIX client software for the host1 and environment XYZ combination:

- Session 1, view a file with the File Browser
- Session 2, search for a Trading Partnership record
- Session 3, create a new category

Performance limitations

Each additional session you start degrades performance. Opening too many sessions at once can cause the client to lock.

Login requirements for UNIX

When you start another GENTRAN:Server session for a host and environment that is running on your desktop, you must use the same user ID and password to log onto the new session.

If you want to start a session for a different host or environment, you can use a different user ID and password.

(Continued on next page)

Process and session limits

If you open multiple sessions on your desktop, the sessions can be for the:

- Same host and environment (GENTRAN:Server for UNIX)
- Same host and different environments (GENTRAN:Server for UNIX)
- Different hosts and environments (GENTRAN:Server for UNIX)
- Combination of GENTRAN:Server Workstation sessions and GENTRAN:Server for UNIX sessions.

This table shows the limitations on running processes in multiple sessions.

Process	Limitations
File Browser	None. Multiple windows permitted in each session.
Trading Partnership Maintenance	None. Multiple windows permitted in each session.
Process Control Manager (if included)	Once in a session for each host/environment combination.
SAP Configuration (if included)	Once in a session for each host/environment combination.
Standard Version Conversion (if included)	Once in a session for each host/environment combination.
Archive	Once in a session for each host/environment combination.
EC Workbench (if included)	One client session for each host/environment combination. You can run EC Workbench multiple times as long as each Client session is for a different host and environment combination.
Translation	One client session for each host/environment. You can run translation multiple times as long as each session is for a different host and environment combination.
Map Compilation	One client session at a time.
Mapping	None. Multiple windows permitted in each session

(Continued on next page)

If a process has session limitations and is already running, GENTRAN:Server displays a message to let you know that the process is busy and asks that you try again later.

File locking

GENTRAN:Server locks certain files to prevent you from editing the same file in multiple sessions. If you attempt to edit a file that you are editing in another session, GENTRAN:Server displays a message to let you know that the file is in use.

GENTRAN:Server locks these files when you open them for editing:

- Maps
- Trading Partner record
- Group Organization record
- Interchange Organization record

Exceptions

Locking does not apply to:

- Files edited in the File Browser
- Trading Partnership Category files
- Trading Partnership Contact files

Note

If the same non-DISAM file is edited in two different parallel sessions, the last changes saved overwrite earlier changes from another session.

Caution

Never use the File Browser to edit an DISAM file. Doing so will corrupt the file.

Report, log and local temporary files

GENTRAN:Server keeps the report files, log files, and local temporary files for each host and environment in different directories.

The system creates a directory named **rpt** for the report and log files under the directory where the GENTRAN:Server client software is installed. The local temporary working files are stored in the **lcltmp** directory.

For each host and environment, the system creates a subdirectory under the **rpt** and **lcltmp** directories. The subdirectory is named for the environment and host name (environment+hostname) logged in to for the session.

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Example

The GENTRAN:Server client software is installed in D:\gentran. The system creates subdirectories for the report files and for the local temporary files:

- D:\gentran\rpt
- D:\gentran\lcltmp

You start a session, logging in to the 60test environment on the host hpd350. GENTRAN:Server creates subdirectories for the session:

- D:\gentran\60testhpd350
- D:\gentran\rpt\60testhpd350
- D:\gentran\lcltmp\60testhpd350

GENTRAN:Server stores the session's report and log files in D:\gentran\rpt\60testhpd350 and stores the session's local temporary files in D:\gentran\lcltmp\60testhpd350.

You open a session for a different environment and host, 2XF on hpd001. GENTRAN:Server creates new subdirectories for the report and local temporary files:

- D:\gentran\2XFhpd001
- D:\gentran\rpt\2XFhpd001
- D:\gentran\lcltmp\2XFhpd001

Note

If the host or environment name contains special characters (such as *, ?, <, or >), the system converts the special characters to underscores (_). The host name hp<200> is converted to hp_200_.

File Name Conventions

Introduction This topic describes the file name conventions and limitations you must follow when you name a GENTRAN:Server file or directory.

Validation When you save or open a file, GENTRAN:Server checks the length of the file name and the characters used in the file name. If the file name exceeds the maximum length or if the file name includes an invalid character, GENTRAN:Server displays a message to alert you of the problem.

Directory and path name length Directory names can be up to 63 characters in length, not counting the slash or backslash character used to separate a directory name from a subdirectory name.

The total maximum for a path, file name, and file name extension is 128 characters.

(Continued on next page)

File name length

This table lists length restrictions of the file names of specific types of GENTRAN:Server files:

File Type	Maximum Length of Name
Map	60 (plus 4-character extension)
File definition	60 (plus 4-character extension)
Application description	60 (plus 4-character extension)
Implementation guide	60 (plus 4-character extension)
Input file	60 (plus 4-character extension)
Output file	60 (plus 4-character extension)
Mapping table	60 (plus 4-character extension)
Script	14 characters
Data manager	4 characters
Data manager pattern	15 characters
Transaction Register	9 characters
Queue	8 characters

(Continued on next page)

Character limitations

This table lists the characters that GENTRAN:Server does not allow in a file name.

Character	Description
\	Backslash (reserved for separating directory, subdirectory, and file names)
/	Slash (reserved for separating directory, subdirectory, and file names)
*	Asterisk
“	Double quotation mark
‘	Forward single quotation mark
’	Backward single quotation mark
<	Less-than sign
>	Greater-than sign
	Vertical bar
	Spaces
@	“At” sign
&	“And” character
(Open round bracket
)	Closed round bracket
;	Semi-colon
:	Colon
?	Question mark
\$	Dollar sign

Using GENTRAN:Server

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Introduction

In this chapter

This chapter contains general information about the GENTRAN:Server interface. It describes the menus and Toolbar of the Main Window and includes instructions for:

- ▶ Starting and exiting GENTRAN:Server
- ▶ Using menus, toolbar buttons, and dialog boxes
- ▶ Using the File Browser to edit text, EDI, and NCPDP files
- ▶ Changing your password (UNIX version only)
- ▶ Choosing printing properties
- ▶ Setting GENTRAN:Server preferences and default values

Key terms

This table describes key terms used in this chapter.

Term	Description
check box	A square to the left of an option in a dialog. When the option is selected, the square contains an X. You click the check box to change whether the option is selected.
click	The act of quickly pressing and releasing a mouse button.
default	A value that is automatically assigned.
dialog box	A window in the computer interface used to enter information into the system.
double-click	The act of quickly pressing and releasing a mouse button twice.
master directory	The directory on a PC or on a server that stores your master files.
menu	A list of related commands.
menu bar	The row of menu names that runs across the top of a window.
option button	A round button used to select one option from a mutually exclusive set of options.

(Continued on next page)

(Contd) Term	Description
push-button	A symbol or icon that initiates some action when you click it.
server	The computer in a client/server network that performs the major system security, data storage, and computing tasks.
text box	A box into which you enter alphanumeric text to provide data needed by GENTRAN:Server.
Toolbar	A bar of buttons used to start commands.

Starting and Exiting

How to Start GENTRAN:Server Workstation

Introduction This topic explains how to start GENTRAN:Server Workstation.

Note

You can run up to four sessions of GENTRAN:Server on the same desktop at once.

Procedure Follow this procedure to start GENTRAN:Server Workstation.

Step	Action
1	Click the Windows Start menu.
2	Select the GENTRAN:Server program icon from the Programs menu. System Response GENTRAN:Server displays the copyright dialog box.
3	Click OK . System Response GENTRAN:Server displays the Main Window.

Reference

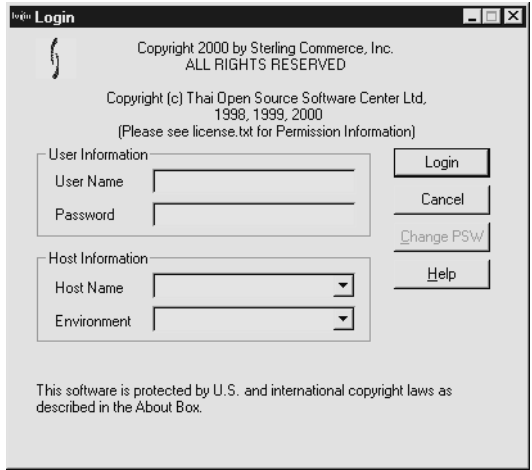
See the [How to Set TP Administration Preferences](#) topic in the *Application Integration User's Guide* for instructions on setting Trading Partnership Administration Preferences.

How to Start GENTRAN:Server for UNIX

Introduction This topic explains how to start GENTRAN:Server for UNIX.

Starting GENTRAN:Server for Unix

Follow this procedure to start and log on to GENTRAN:Server for UNIX.

Step	Action
1	Click the Start menu.
2	<p>Select the GENTRAN:Server program icon from the Programs menu.</p> <p>System Response GENTRAN:Server displays the Login window.</p> 
3	<p>Type your user name into the User Name box.</p> <p>Note When you start another GENTRAN:Server session for a host and environment that is running on your desktop, you must use the same user ID and password to log onto the new session.</p> <p>If you want to start a session for a different host or environment, use a different user ID and password.</p>
4	<p>Type your GENTRAN:Server user password into the Password box.</p> <p style="text-align: right;">(Continued on next page)</p>

Step	Action
5	Select the host server from the Host Name drop-down list.
6	Select an environment from the Environment drop-down list.
7	Click Login .
8	Click Continue . System Response GENTRAN:Server displays the main window and logs you into the selected host and environment. Note The Main menu title bar displays the name of the host and environment.

Reference

See the [How to Set TP Administration Preferences](#) topic in the *Application Integration User's Guide* for instructions on setting Trading Partnership Administration Preferences.

How to Change Your Password (UNIX Version)

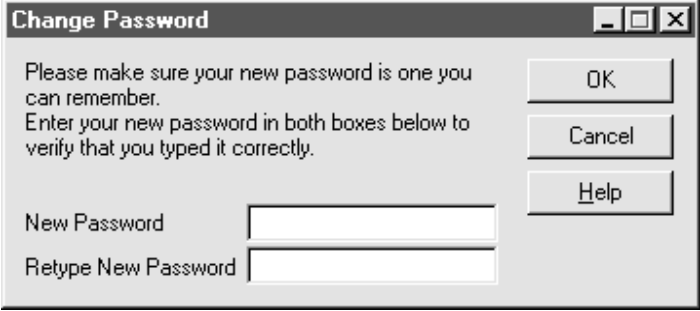
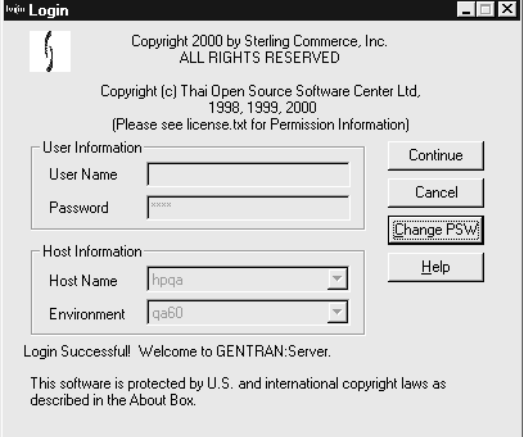
Introduction This topic explains how to change your user password for GENTRAN:Server for UNIX.

Note

If you use GENTRAN:Server Workstation, you do not have a password.

Procedure Use this procedure to change your GENTRAN:Server for UNIX password.

Step	Action
1	Click the Start menu.
2	Select the GENTRAN:Server program icon from the Programs menu. System Response GENTRAN:Server displays the Login window.
3	Type your user name into the User Name box.
4	Type your GENTRAN:Server user password into the Password box.
5	Select a Host Name from the drop-down list.
6	Select an environment from the Environment drop-down list.
7	Click Login . System Response GENTRAN:Server enables the Change PSW button. (Continued on next page)

(Contd) Step	Action
8	<p>Click Change PSW.</p> <p>System Response GENTRAN:Server displays the Change Password dialog box.</p> 
9	<p>Type the new password into both the New Password and Retype New Password text boxes. Click OK.</p> <p>System Response The system displays the Login dialog box.</p> 
10	<p>Click Continue.</p> <p>System Response GENTRAN:Server logs you in, changes your password, and displays the main window.</p>

How to Exit GENTRAN:Server

Introduction This topic explains how to exit GENTRAN:Server.

Before you exit Any files that are checked out when you exit the application remain checked out and unavailable for other users to edit. Before you exit GENTRAN:Server, be sure to check in any files that you no longer need.

Reference

See [How to Check In Maps and Translation Objects](#) and [How to Check In File Definitions](#) in the [Working with Application Integration](#) chapter or [How to Check In Compiled Maps](#), [How to Check In Compiled Maps](#) and [How to Check In Synonym and Thesaurus List Files](#), in the [Working with the Visual Mapper](#) chapter for instructions.

Procedure Select **Exit** from the **File** menu.

Note

If you are running multiple sessions on your desktop, you must exit each session.

System Response

GENTRAN:Server for UNIX logs off of the host computer and exits.

GENTRAN:Server Workstation exits.

The GENTRAN:Server User Interface

Overview

Introduction

GENTRAN:Server features on the client are Windows-based. To use GENTRAN:Server, you must be familiar with using a personal computer and with Windows functions and terminology, including the following:

- The terminology used to describe mouse and cursor actions; for example, opening, clicking, scrolling
- The terminology used to describe Windows-specific attributes, such as dialog boxes, buttons, and check boxes.

User interface

The user interface for all versions of GENTRAN:Server includes:

- Screens that use the familiar Windows interface.
 - Graphical tree organization of trading partnership records to make setup and maintenance easier.
 - Graphic displays of mapping components and relationships.
-

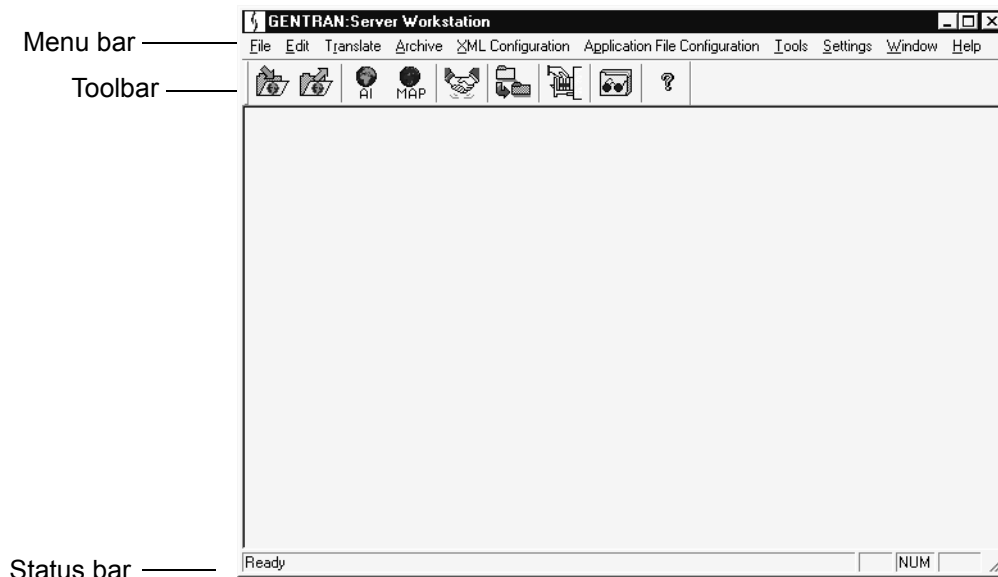
The Main Window

Introduction This topic explains the items you see on the GENTRAN:Server Main Window.

Reference

Refer to your Windows documentation for detailed explanations of Windows terms and functions.

Main Workstation window This illustration shows the major parts of the main GENTRAN:Server Workstation window.



(Continued on next page)

Main UNIX Window

This illustration shows an example of the Main Window for GENTRAN:Server for UNIX.

Note

This illustration displays many of the options available with GENTRAN:Server. However, you will only see the options your company purchased.



Menu bar —

Toolbar —

Status bar —

Parts of the window

This table describes the parts of the main GENTRAN:Server window.

Part	Function
Menu bar	Opens menus to display commands.
Toolbar	Starts commands from a set of buttons.
Status bar	Displays a status message, prompt, or toolbar button description.

Main Window Menus

Introduction

You can start all GENTRAN:Server features and functions from the menus of the GENTRAN:Server Main Window.

Workstation Main Window menus

This table describes the menus of the Workstation Main Window.

Menu	Used to...
File Menu	<ul style="list-style-type: none"> ▶ Check in a file ▶ Check out a file ▶ Unlock a file ▶ Open the Print Setup dialog box ▶ Exit the Main Window
Edit Menu	<ul style="list-style-type: none"> ▶ Start a mapping editor (Application Integration or the Visual Mapper) ▶ Start the Trading Partnership Administration subsystem
Translate	<ul style="list-style-type: none"> ▶ Open the Translate Documents dialog box ▶ Generate a translation report.
Archive	<ul style="list-style-type: none"> ▶ Set archiving parameters ▶ Open an archive ▶ Purge an archive ▶ Load and unload archived files ▶ Create new archives
XML Configuration (if you have the XML translation option)	<ul style="list-style-type: none"> ▶ Open the XML Element Configuration window ▶ Start the XML Trading Partnership Rules wizard ▶ Open the XML TP Cross Reference dialog box.

(Continued on next page)

(Contd) Menu	Used to...
Application File Configuration	<ul style="list-style-type: none"> ▶ Start the Application File Trading Partnership Rules wizard ▶ Open the Application TP Cross Reference dialog box.
Tools	<ul style="list-style-type: none"> ▶ Schedule tasks ▶ Run scheduled tasks ▶ Run Standard Version Conversion ▶ Start the File Browser ▶ Open the Run a Command dialog box to run a command line program
Settings	Display the Set Up Directories dialog box, which enables you to specify or change the default directories for your GENTRAN:Server files
Window	<ul style="list-style-type: none"> ▶ Display or hide the Toolbar ▶ Display or hide the Status Bar
Help	<ul style="list-style-type: none"> ▶ Open the Help Contents or Index ▶ Display information about using Help ▶ Display version information for GENTRAN:Server

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**UNIX Client/
Server Main
Window menus**

This table describes the menus of the UNIX Client/Server Main Window.

Menu	Used to...
File Menu	<ul style="list-style-type: none"> ▶ Check in a file ▶ Check out a file ▶ Unlock a file ▶ Copy compiled maps (.TBL and .TPL) to User Directory on host ▶ Open the Print Setup dialog box ▶ Exit the Main Window
Edit Menu	<ul style="list-style-type: none"> ▶ Start a mapping editor ▶ Start the Trading Partnership Administration subsystem
Translate	<ul style="list-style-type: none"> ▶ Open the Translate Documents dialog box ▶ Generate a translation report.
Archive	<ul style="list-style-type: none"> ▶ Set archiving parameters ▶ Open an archive ▶ Purge an archive ▶ Load and unload archived files ▶ Create new archives
XML Configuration (if you have the XML translation option)	<ul style="list-style-type: none"> ▶ Open the XML Element Configuration window ▶ Start the XML Trading Partnership Rules wizard ▶ Open the XML TP Cross Reference dialog box.
Application File Configuration	<ul style="list-style-type: none"> ▶ Start the Application File Trading Partnership Rules wizard ▶ Open the Application File TP Cross Reference dialog box. <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Menu	Used to...
Tools	<ul style="list-style-type: none"> ▶ Test host connection ▶ Open the Task Scheduler to schedule a task ▶ Run scheduled tasks ▶ Run Standard Version Conversion ▶ Start the File Browser ▶ Open the Run a Command dialog box to run a command line program ▶ Start optional subsystems, such as the Process Control Manager, Workbench on a host, or an extension
Settings	Specify default directories for your GENTRAN:Server files
Window	<ul style="list-style-type: none"> ▶ Display or hide the Toolbar ▶ Display or hide the Status Bar
Help	<ul style="list-style-type: none"> ▶ Open the Help Contents or Index ▶ Display information about using Help ▶ Display version information for GENTRAN:Server

The Main Window Toolbar










Introduction

The GENTRAN:Server Toolbar consists of several buttons that you can use to quickly access GENTRAN:Server subsystems, tools, and optional features.



The specific buttons displayed on your toolbar depend upon the GENTRAN:Server product level and options your company has. This topic describes the most common buttons. Your toolbar may include additional buttons for optional features.

The Main Window Toolbar

To execute a command with a toolbar button, click the appropriate button.

Click this...	To do this...
	Check in files.
	Check out files.
	Open the Application Integration mapping editor.
	Open the Visual Mapper mapping editor.
	Open the Trading Partnership Administration subsystem.
	Open the Translate Documents dialog box or generate a translation report.
	Start an archiving option.
	Start the Process Control Manager subsystem (available in GENTRAN:Server for UNIX only).
	Open Data Flow Administration subsystem (available in GENTRAN:Server for UNIX only).

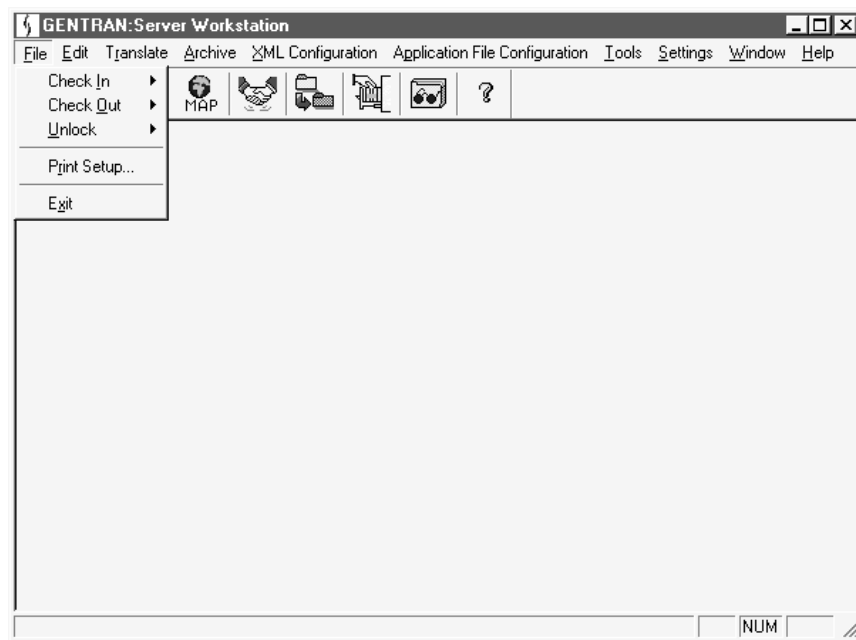
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(Contd) Click this...	To do this...
	Open the File Browser text editor.
	Display Help for the current window.

How to Use the GENTRAN:Server Interface

Introduction This topic explains how to use the GENTRAN:Server menus, toolbars, dialog boxes, and other interface features.

Using the menus To select a menu command, click the menu name to display the drop-down list of commands; then click the desired command. You can also select many commands from the keyboard by pressing the short-cut keys displayed to the right of the command or by pressing ALT + the underlined letter in the menu item name and then the letter underlined in the drop-down list.



Using the Toolbar To start a feature or subsystem from the Toolbar, click the appropriate Toolbar button.

Note

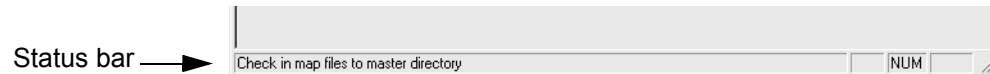
For information about a Toolbar button, place the pointer on the button to display the button's name and then refer to the Status Bar for the button's function.

(Continued on next page)

Using the Status Bar

The status bar displays information, descriptions, or instructions for the active window, item on a dialog box, toolbar button, or command. You may see a status such as “Ready” for a window, an instruction such as “Enter record ID” for a text box on a dialog box, or “File Browser” for a Toolbar button.

To use the Status Bar, move the pointer to the window, box, or button that you want to check and then read the text displayed on the Status Bar.



Using dialog boxes

You enter information within a dialog box by:

- Typing in text boxes
- Selecting items from list boxes
- Clicking check boxes, options, or push buttons.

To move to the desired box or button, use either the mouse or the keyboard.

- When using the mouse, move the mouse pointer to the desired box or button and click to select the box or button.
 - When using the keyboard, press **TAB** to move to the next box or button or press **SHIFT+TAB** to move to the previous box or button.
-

How to Use the On-line Help

Introduction GENTRAN:Server provides Help information to guide you through commands and procedures. GENTRAN:Server's Help files explain many topics: parts of the active window, commands, dialogs, and procedures for using specific features to perform a task.

Getting Help You can get Help several ways. The methods available depend on the window you have displayed.

To start Help from...	Do this...
The menu bar	Click a command or topic from the Help menu.
The toolbar	Click the Help button on the toolbar for information about the currently displayed dialog box or window. dialog box
Any window	Press F1 for information about the window.
A dialog box	Click the Help button on the active dialog box for related help information.

Using the Help menu

To learn how to use Help, click **Using Help** on the Help menu.

The Contents command on the Help menu displays a list of Help topics that you can choose from. You can access Help information for the topics in different ways; you can use the menus at the top of the **Help** window, or you can use the buttons under the menus to search for a topic. You can print and edit Help information.



(Continued on next page)

Using the Help toolbar button

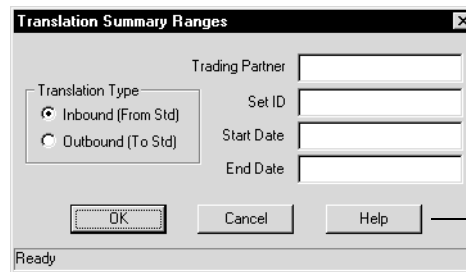
On major windows, you can get window-level Help by clicking the **Help** button on the toolbar.



Toolbar Help button

Using the Help buttons on dialog boxes

You can get Help for any dialog box that displays the **Help** button. Click the **Help** button for more information.



Help button

Exiting Help

You can close the **Help** window when you are finished with it. To close the **Help** window, click **Exit** on the File menu of the Help system menu bar.

The File Browser

Introduction The File Browser is a GENTRAN:Server tool that enables you to open and edit text, EDI, and NCPDP files. It contains basic text-editing features, such as copying, cutting, pasting, finding, and replacing text.

When to use You can use the File Browser to open and edit:

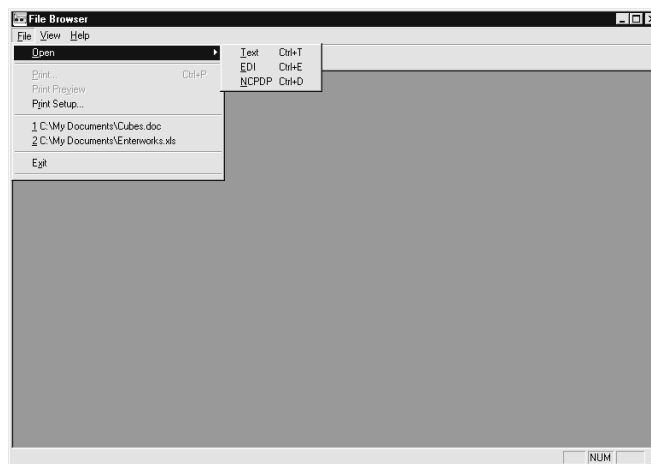
- Text files, such as batch files (*.bat) and configuration files (*.cfg)
- EDI files
- NCPDP files

Note

When you open an EDI file in the File Browser, GENTRAN:Server runs the **edifrm** command on the file before displaying it. The **edifrm** command replaces the segment terminators in the file with new line terminators so that the format is easier to read.

The File Browser window

This illustration shows the File Browser window.



(Continued on next page)

**Parts of the File
Browser window**

This table describes the parts and functions of the File Browser window.

Part	Function
Menu bar	Opens menus to display commands.
Toolbar	Starts commands from a set of buttons.
Status bar	Displays a status message, prompt, or toolbar button description.

How to Use the File Browser

Introduction This topic explains how to start and exit the File Browser, open a file, and use the File Browser editing commands to modify a file.

Starting the File Browser

To start the File Browser, do one of the following:

- Click the File Browser button on the Main Window toolbar.
- Select **Start File Browser** from the Tools menu.

Opening a file

There are two ways to open a file in the File Browser: from the Toolbar or from the File menu.

Method 1 - Toolbar button.

Step	Action
1	Click the Open button on the File Browser toolbar. System Response The File Browser displays the Open dialog box.
2	Click on Text File , EDI File , or NCPDP File to indicate the type of file you want to open.
3	Click OK . System Response The File Browser displays the standard Open dialog box.
4	Browse to the folder and file you want to open.
5	Click OK . (Continued on next page)

(Contd) Step	Action	
6	IF you open...	THEN the File Browser...
	an EDI file	displays the Enter EDI Format Parameter dialog box. Continue with Step 7.
	a text file	displays the text file. You are finished.
	a NCPDP file	runs the edifmat command on the file you selected and displays the file in a newline terminated format. You are finished.
7	Click the option on the Enter EDI Format Parameter dialog box to specify the format you want applied to the data. System Response The system runs the edifmat command on the file you selected and displays the file in a newline terminated format.	

Method 2 - File menu

Select **Open** from the File menu and then select **Text**, **EDI**, or **NCPDP** from the cascading menu.

Editing a file in the File Browser

This table describes how to edit, print, and save a file in the File Browser.

IF you want to...	THEN...
Insert characters	Click at the insertion point and type the characters.
Copy selected text to the clipboard	Click Copy on the Edit menu.
Paste text on the clipboard into the document	Click at the insertion point and then click Paste on the Edit menu.
Select the entire document	Click Select All on the Edit menu. (Continued on next page)

Search for characters, words, or phrases	Click Find on the Edit menu. Then, enter the search string.
Search for the next occurrence of a search item	Click Find Next on the Edit menu.
Replace selected text	Click Replace on the Edit menu. Then type the replacement text.
Print the document	Click Print on the File Menu.
Save the changes to the document	Click Save on the File menu.
Save a copy of the document under a new path or name	Click Save As on the File menu. and enter the new path and file name.

Exiting the File Browser

To close the File Browser, do one of the following:

- Select **Exit** from the File menu.
 - Click the close button on the File Browser window.
-

How to Change Print Properties

Introduction This topic explains how to open the Print Setup dialog box from within GENTRAN:Server. Check your Microsoft® documentation for details on how to use the window.

Background When you print any of the reports that GENTRAN:Server generates, the program prints the report on the default printer, using the default font style and size specified for that printer. You can use the Microsoft Print Setup dialog box to specify print properties for the default printer for the client.

Your selections affect all printing (except printing of compiler messages) in GENTRAN:Server until you quit or you change them by again opening the Print Setup dialog. If you want to set these defaults and keep them between GENTRAN:Server sessions, use the **Printers** utility in the Windows **Control Panel**.

Opening the Print Setup window Follow this procedure to open the Print Setup dialog box from within GENTRAN:Server.

Step	Action
1	Click File on either the Main, Application Integration Main, Visual Mapper, Application Editor, or Standard/IG Editor menu bar.
2	Click Print Setup on the File menu.

Adjusting print properties Depending upon the font style and size, some parts of the report may not appear on the output. (This may be a problem with fonts larger than 12 point). To correct, change the default font style or size. The methods of changing the default font style and size vary according to your machine.

Depending upon the aspect ratio of the report, you could also try printing landscape instead of portrait.

Setting Default Values

Overview

In this section

This section explains how to set the basic directory and the Application Integration Mapper and Visual Mapper preferences and default values you want your system to use.

Reference

See the [Setting Preferences and Default Values](#) section in the *Application Integration User's Guide* for information about setting preferences and default values for the Application Integration subsystem.

See the [Specifying Preferred Default Values](#) section in the *Mapping and Translation Guide* for information about setting preferences and default values for the Visual Mapper.

Default directories

The Set Up Directories dialog box enables you to define the default directories that GENTRAN:Server will use to store your GENTRAN:Server files on your PC or client. If you are using GENTRAN:Server for UNIX, your system administrator will set the default directories for the server during installation. The server directories appear on the screen, but can't be changed.

When to set the values

We recommend that you set your default directory and map display values before you create your first map. However, you can set or change the map display options at any time.

(Continued on next page)

Where to go next

Use this table to locate the instructions for setting particular types of preferences.

IF you want to customize...	THEN select...
<i>Workstation or Client</i>	
The default directories your system uses to store GENTRAN:Server files	How to Change the Default Workstation Directories (Workstation) or How to Change Client Default Directories (UNIX).
<i>Application Integration</i>	
All the Application Integration Subsystem preferences	How to Set the Application Integration Preferences in the <i>GENTRAN:Server Application Integration User's Guide</i> .
The list of date and time formats that you can use in map fields	How to Set the Application Date/Time Formats in the <i>GENTRAN:Server Application Integration User's Guide</i> .
The default date format for all date fields used in a map	How to Set the Default Date Formats in the <i>GENTRAN:Server Application Integration User's Guide</i> .
Which map component descriptions are displayed	How to Customize Component Display Options in the <i>GENTRAN:Server Application Integration User's Guide</i> .
Foreground and background colours of map components	How to Customize Component Colours in the <i>Application Integration User's Guide</i>
Font type, style, or size used in map displays	How to Customize Global Fonts in the <i>GENTRAN:Server Application Integration User's Guide</i> .
How map links are displayed	How to Customize the Display of Links in the <i>GENTRAN:Server Application Integration User's Guide</i> .
How the map version number is incremented	How to Customize the Auto-increment Map Version in the <i>GENTRAN:Server Application Integration User's Guide</i> .
<i>Visual Mapper</i>	
The Visual Mapper preferences	Specifying Preferred Default Values in the <i>GENTRAN:Server Mapping and Translation Guide</i> .

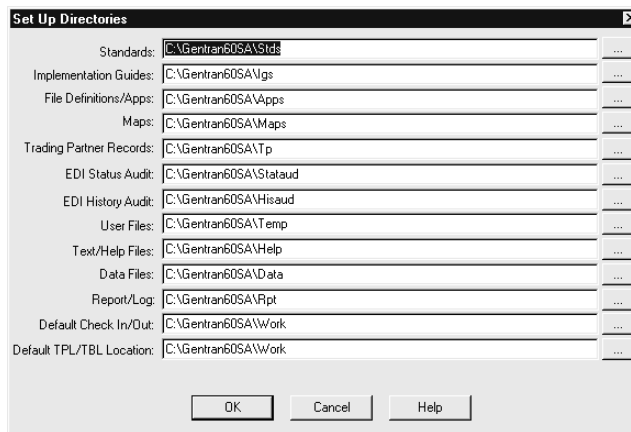
Set Up Directories Dialog Box

Introduction

The Set Up Directories dialog box enables you to define the default directories that GENTRAN:Server will use to store your GENTRAN:Server files on your PC or client.

GENTRAN:Server Workstation

This illustration shows the Set Up Directories dialog box for GENTRAN:Server Workstation.



Note

The implementation guide directory is grayed out if you do not have the Visual Mapper installed.

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Fields and functions

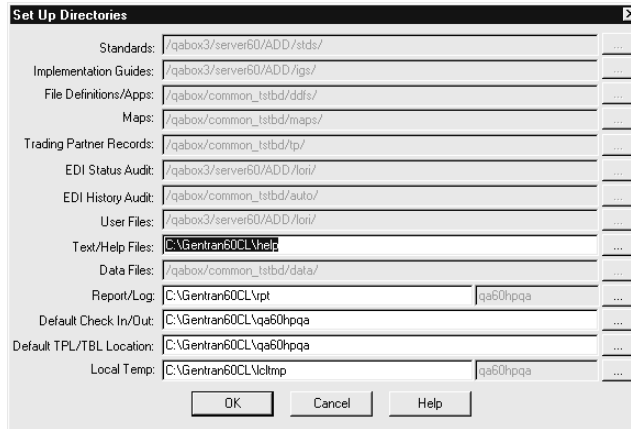
This table lists the fields of the Workstation Set Up Directories dialog box and their functions.

Field	Function
Standards	Stores a list of available standards. Note If you have Visual Mapper capabilities, then this directory also stores the actual standards.
Implementation Guide	Stores implementation guides (.igs) Note The Implementation Guide directory is grayed out if the Visual Mapper is not installed on your computer system.
File Definitions/Apps	Stores file definitions (DDFs). Note If you have Visual Mapper capabilities, then this directory also stores the application description files.
Maps	Stores map files and translation objects.
Trading Partner Records	Stores Trading Partnership files.
EDI Status Audit	Stores the status audit files that GENTRAN:Server generates.
EDI History Audit	Stores the history audit files that GENTRAN:Server generates.
User Files	Stores your user files.
Text/Help Files	Stores text files and the GENTRAN:Server Help files.
Data Files	Stores your data files.
Report/Log	Contains the reports and log files that GENTRAN:Server generates.
Default Check In/Out	Serves as the default working directory for files.
Default TPL/TBL Location	Serves as the default working directory for translation objects (compiled maps).

(Continued on next page)

**GENTRAN:Server
for UNIX**

This illustration shows the Set Up Directories dialog box for GENTRAN:Server for UNIX. Note that the Host directories are not available for editing. Your system administrator sets these during installation.

**Fields and
functions**

This table lists the fields of the UNIX Set Up Directories dialog box and their functions.

Field	Function
Standards	Stores a list of available standards. This directory is located on the server. Note If you have Visual Mapper capabilities, then this directory also stores the actual standards.
Implementation Guide	Stores implementation guides (.igs). This directory is located on the server. Note The Implementation Guide directory is grayed out if the Visual Mapper is not installed on your computer system.
File Definitions/Apps	Stores file definitions (DDFs). This directory is located on the server. Note If you have Visual Mapper capabilities, then this directory also stores the application description files.

(Continued on next page)

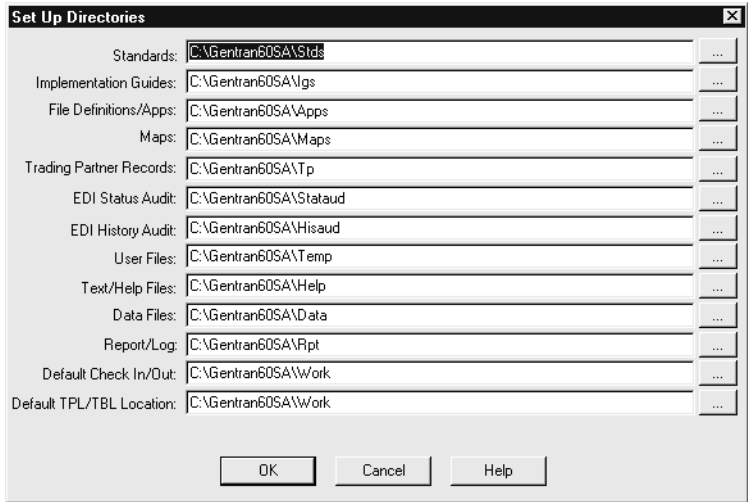
(Contd) Field	Function
Maps	Stores map files and translation objects. This directory is located on the server.
Trading Partner Records	Stores Trading Partnership files. This directory is located on the server.
EDI Status Audit	Stores the status audit files that GENTRAN:Server generates. This directory is located on the server.
EDI History Audit	Stores the history audit files that GENTRAN:Server generates. This directory is located on the server.
User Files	Stores your user files. This directory is located on the server.
Text/Help Files	Stores text files and the GENTRAN:Server Help files. This directory is located on the client.
Data Files	Stores your data files. This directory is located on the server.
Report/Log	Contains the reports and log files that GENTRAN:Server generates. This directory is located on the client.
Default Check In/Out	Serves as the default working directory for files. This directory is located on the client.
Default TPL/TBL Location	Serves as the default working directory for translation objects (compiled maps). This directory is located on the client.
Local Temp	Serves as the default working directory. This directory is located on the client.

How to Change the Default Workstation Directories

Introduction You can change the default directories for the GENTRAN:Server files from the values set at installation.

Changing Workstation directories

Use this procedure to change a directory path for the GENTRAN:Server Workstation files.

Step	Action
1	Click Settings on the menu bar.
2	<p>Click Set Up Directories on the Settings menu.</p> <p>System Response The system displays the Set Up Directories dialog box.</p> 
3	Click in the appropriate text box.
4	<p>Delete the current path and enter the new path, or edit the path as appropriate.</p> <p>Note You can use the browse button to the right of the box to browse for the path.</p>
5	Click OK to save your changes.

How to Change Client Default Directories

Introduction

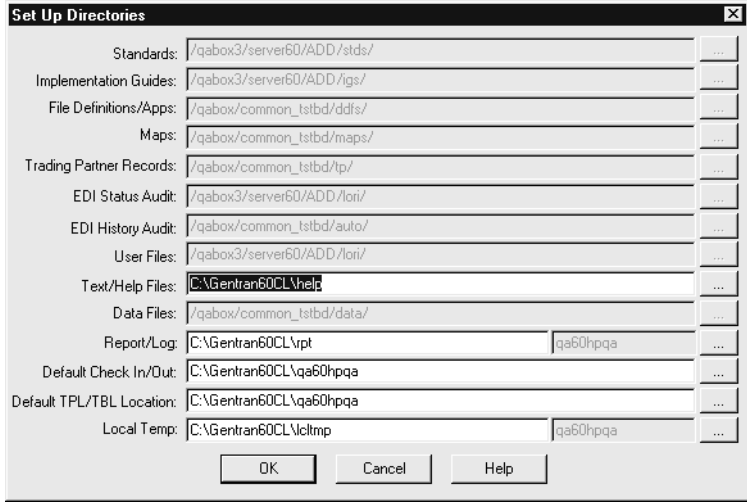
You can change the default directories for the GENTRAN:Server for UNIX files on the client from the values set at installation. You cannot change the default directories on the host with this procedure.

Reference

See the chapter Environment Administration in the *GENTRAN:Server for UNIX Maintenance and Troubleshooting Guide*.

How to change a directory path

Use this procedure to change a default directory path for files on the client.

Step	Action
1	Click Settings on the menu bar.
2	<p>Click Set Up Directories on the Settings menu.</p> <p>System Response The system displays the Set Up Directories dialog box, showing the default directories for each type of file on the client. The directories on the server are not active.</p> 
3	Click in the appropriate text box.

(Continued on next page)

(Contd) Step	Action
4	Delete the current path and enter the new path, or edit the path. Note You can use the browse button to the right of the box to browse for the path.
5	Click OK to save your changes.

Working with Application Integration

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Overview

Introduction

In this chapter This chapter contains information about:

- ▶ working in Workstation
- ▶ working in UNIX
- ▶ accessing and returning files

Key terms This table describes the key terms used in this chapter.

Term	Description
check in	The act of returning a copy of a file from your working directory to the master directory, making it available to other users.
check out	The act of copying a file from the master directory to your working directory, making the file unavailable to other users.
lock	The act of making a file unavailable to other users. A file is locked once it is checked out.
unlock	The act of making a file available to other users. A file is unlocked once it is checked in.

Working in Workstation

Introduction GENTRAN:Server Workstation uses numerous data files such as maps, translation objects (TPL files), file definitions, and Trading Partnership records.

This section explains how to work with files in GENTRAN:Server Workstation and GENTRAN:Server for UNIX.

Master directory GENTRAN:Server Workstation stores the master files (maps, translation objects, file definitions, etc.) on the PC in the master directory specified for the file type. You specify the master directories in the Set Up Directories dialog box, which is available from the main GENTRAN:Server window under the Settings menu.

File checkout When you want to edit a master file, you must check it out. When you **check out** a map file to edit it, GENTRAN:Server Workstation moves a copy of the file to the working directory and retains the original file in the master directory.

Working directory GENTRAN:Server Workstation stores your working files (copies of checked out maps, and file definitions) in the working directory on the PC. This enables you to modify a checked-out map without affecting the original file. You specify the working directories in the Set Up Directories dialog box, which is available from the GENTRAN:Server Settings menu.

Map check in When you **check in** a map file, GENTRAN:Server Workstation transfers a copy of the file from your working directory to the master directory. If the map file is one that you checked out, Workstation replaces the map in the master directory with the working copy. The working copy becomes the new master file for the map. GENTRAN:Server lets you to choose to keep or remove the copy of the file in your working directory.

Working in GENTRAN:Server for UNIX

Background

GENTRAN:Server uses numerous data files such as maps, translation objects (TPL files), file definitions, and Trading Partnership records. GENTRAN:Server for UNIX installations control access to data files through environments, master files and working files, and through checking out and checking in master files.

Access rights

GENTRAN:Server for UNIX provides a security utility. A system administrator uses this utility to assign each user the appropriate access rights for each of the GENTRAN:Server installations (environments). Within each installation, the system administrator can assign different levels of access to a user for each of the following functional areas:

- Editing maps and file definitions
- Editing archived files
- Editing Trading Partnership records and related files (contact records, organization records, TRADACOMS supplemental files, and category records)
- Running the translator
- Using the Run Program tool.

This table shows the different levels of access that can be assigned to a function.

Access Type	Permissions
Full	View, copy, rename, load, unload, and edit files
View	View, copy, rename, load, and unload files, but not to edit them
No Access	None

Master files

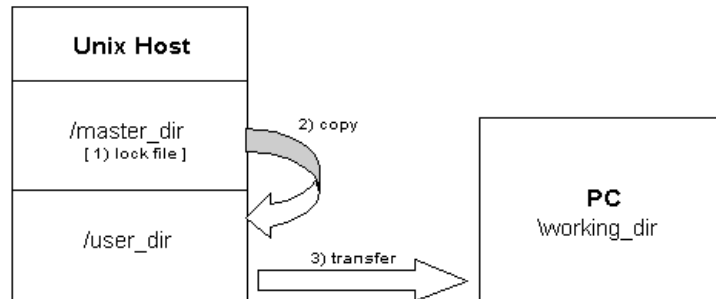
Each installation contains **master files**.

A master file is the original, source version available to all users for viewing, and to one user at a time for editing.

(Continued on next page)

Working files

When you check out a master file to view or edit, GENTRAN:Server copies the file and transfers the working copy from the Host to your client's check out (working files) directory.

Check out files for Gentrans Server for Unix in V6.0

You can check out a file to any directory on your client, but the default directory is the one specified in the Set Up Directories dialog box.

File checkout

When you want to access a master file to edit, you must check it out. When you check out a file to edit, the system locks the file so that other users cannot modify it while you have it checked out.

Other users with proper permissions still can view the master file or use it in a translation even while you are editing your working copy of the master file.

Note

Within the file directories, an asterisk precedes the name of any file that is currently checked out.

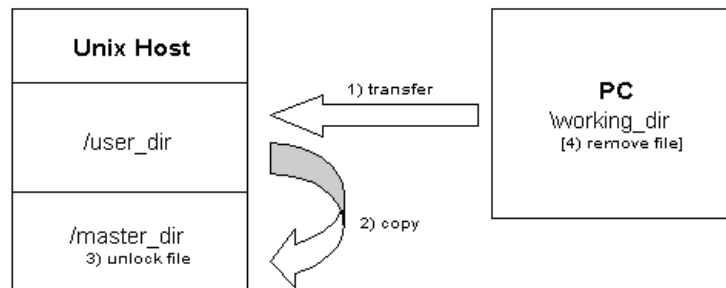
(Continued on next page)

Checking in

Before any other user can edit a file that you have checked out, you must check the file in.

When you check in a file, GENTRAN:Server transfers a copy of the file from your client PC to the user directory on the Host. When the transfer is complete, GENTRAN:Server:

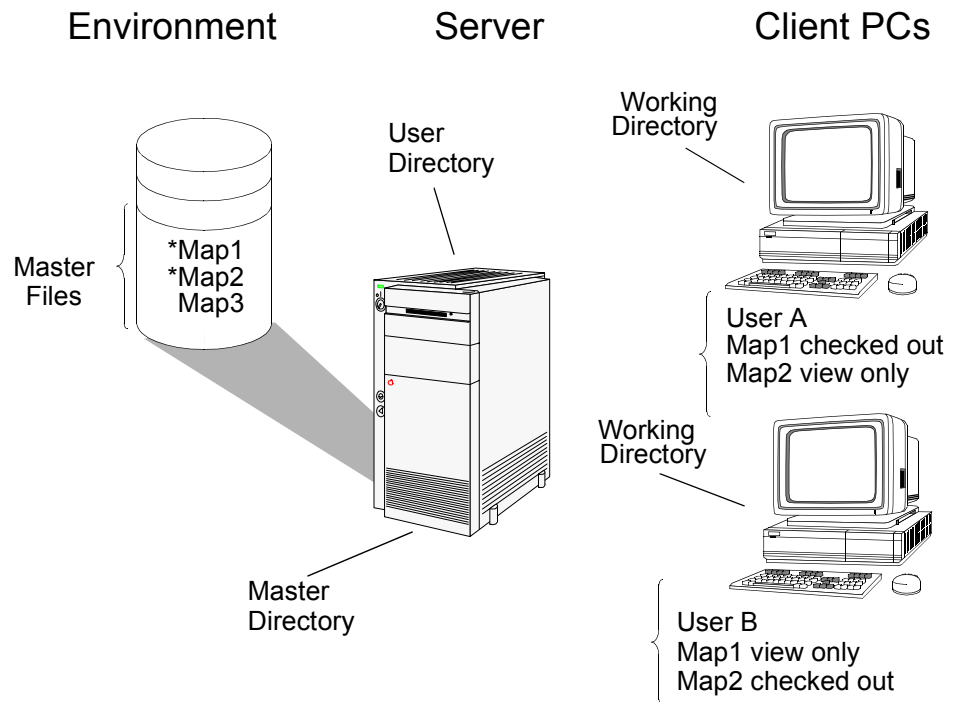
- copies the file from the Host user directory to the Host master directory
- removes the copy from the Host user directory.

Check in files for Gentran Server for Unix in V6.0

When you check in a file, GENTRAN:Server lets you choose to keep or remove the copy of the file on your PC.

(Continued on next page)

Illustration This illustration shows how file access can be controlled under GENTRAN:Server for UNIX.



Dialog Boxes

Select Map and File Definitions Files to Check out Dialog Box

Introduction This topic describes the following dialog boxes:

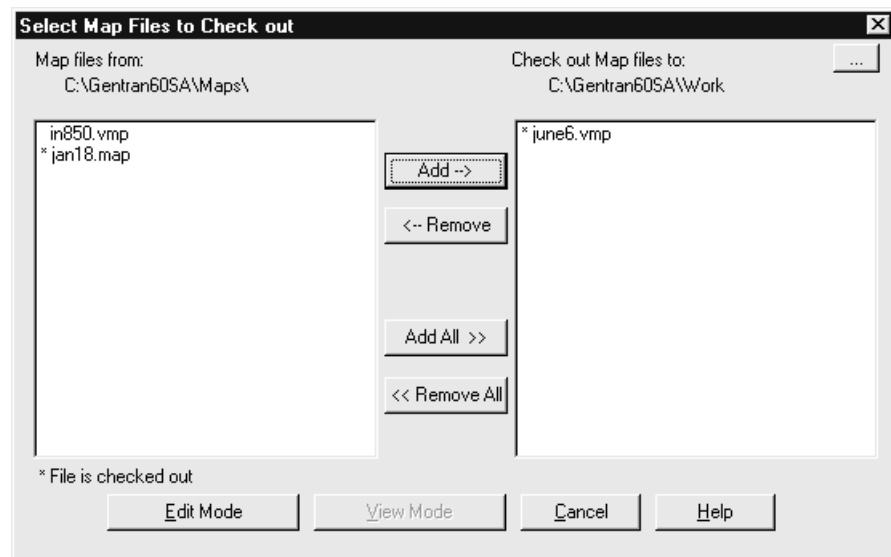
- Select Map Files to Check out
- Select File Definition Files to Check out

Purpose The Select <filename> to Check out dialog box is used to move a copy of a file from the master directory to a working directory on the PC. Maps, and their associated TPL files, and file definitions files can be checked out.

Example check out dialog box

The same dialog box format is used to check out file definition files.

This illustration shows the Select Map Files to Check out dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the dialog box will list maps created in both the Application Integration Mapper and the Visual Mapper with the extensions .map and .vmp respectively.

(Continued on next page)

Fields and functions

This table lists the fields of the Select Map Files to Check Out and Select File Definition Files to Check out dialog box and their functions.

Field	Function
...files from	<p>Displays the name of the master directory.</p> <p>The list below the name displays the names of the files in the master directory. An asterisk next to a name indicates that the file is currently checked out.</p>
Check out <filename> files to	<p>Displays the name of the default working directory on your PC. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the working files in the working directory.</p> <p>Note You can use the browse button to select a different directory.</p>
Add	Adds the name of the selected file to the list of files in the working directory.
Remove	Removes the name of the file from the working directory check out list.
Add All	Adds the names of all the files in the master directory to the working directory.
Remove All	Removes the names of all the files from the working directory check out list.
Edit Mode	Checks out the files so that you can edit them. Copies the files that you added to the Check out <filename> files to list and moves the copies into the working directory.
View Mode	<p>Checks out the files so that you can view them. Copies the files that you added to the Check out <filename> files to list and moves the copies into the working directory.</p> <p>Note This button is not available in GENTRAN:Server Workstation.</p>

Select Map Files to Check in Dialog Box

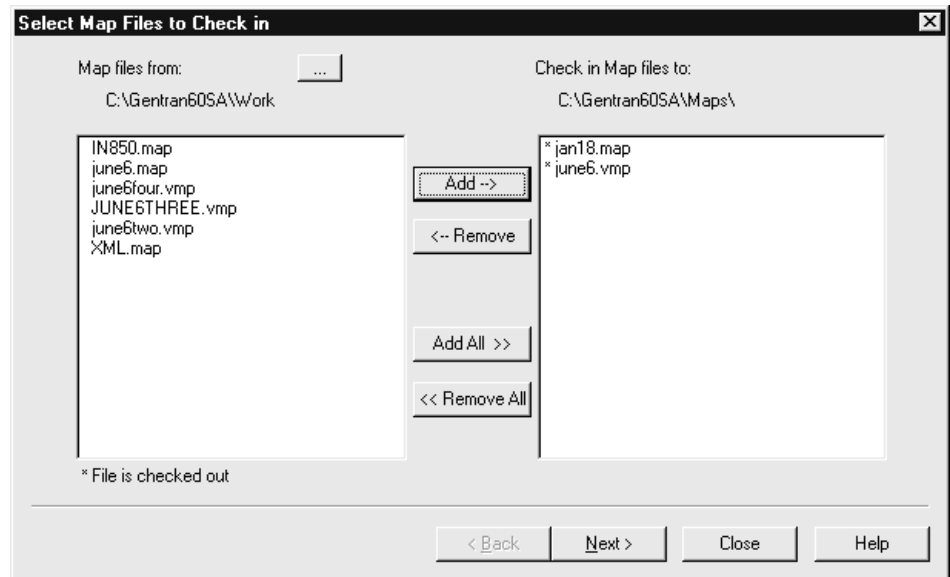
Introduction This topic describes the Select Map Files to Check in dialog box.

Purpose The Select Map Files to Check in dialog box is used to move the saved working file from your working directory to the master directory. The system replaces the master file with the map you check in. The following files can be checked in:

- map files
- associated TPL files

Example check in dialog box

This illustration shows the Select Map Files to Check in dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the dialog box will list maps created in both the Application Integration Mapper and the Visual Mapper with the extensions .map and .vmp respectively.

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Fields and functions

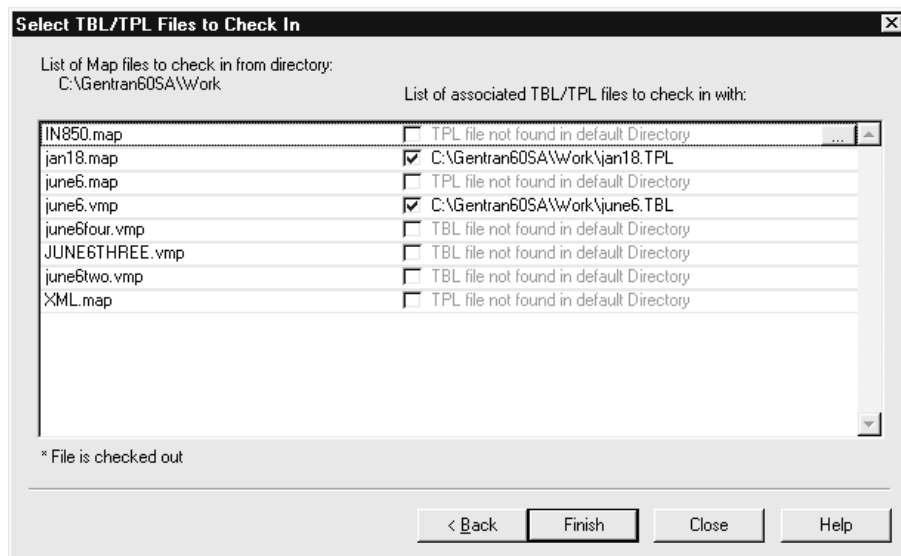
This table lists the fields of the Select Map Files to Check in dialog box and their functions.

Field	Function
Map files from	<p>Displays the name of the working directory on your PC.</p> <p>The list below the name displays the names of the maps in the working directory.</p> <p>Note You can use the browse button to select a different directory.</p>
Check in Map files to	<p>Displays the name of the master directory for maps on your PC. This is the directory to which GENTRAN:Server copies the map file.</p> <p>The list below the directory name displays the names of the maps in the master directory.</p>
Add	Adds the name of the selected map to the list of maps in the master directory.
Remove	Removes the name of the map from the master directory check in list.
Add All	Adds the names of all the maps in the working directory to the master directory.
Remove All	Removes the names of all the maps from the master directory check in list.
Next	Flags the maps to be checked in and displays the Select TBL/TPL Files to Check In dialog box.
Close	Closes this dialog box without saving your changes.

Select TBL/TPL Files to Check In Dialog Box

Introduction The Select TBL/TPL Files to Check In dialog box is used to select the translation objects (compiled maps) you want to check in.

Illustration This illustration shows the Select TBL/TPL Files to Check In dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the dialog box will list maps and associated files created in both the Application Integration Mapper and the Visual Mapper with the extensions .map (TPL) and .vmp (TBL) respectively.

(Continued on next page)

Fields and functions

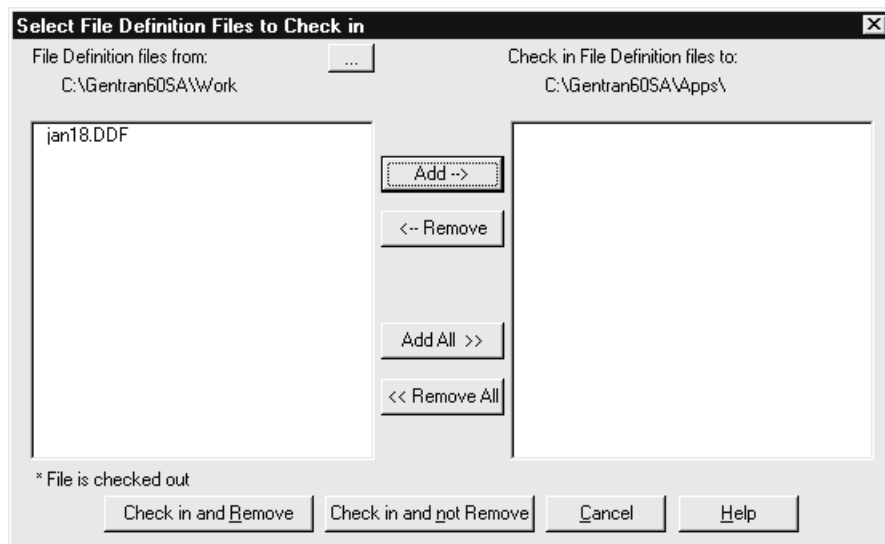
This table lists the fields of the Select TBL/TPL to Check In dialog box and their functions.

Field	Function
List of Map files to check in from directory	Displays the name of the working directory on your PC. The list below the name displays the names of the maps you are checking in.
List of associated TBL/TPL files to check in with	Displays the names of the translation objects associated with the maps you are checking in.
Back	Returns to the Select Maps to Check In dialog box.
Finish	Saves your changes and checks in the maps and translation objects you selected.
Close	Cancel your changes and closes the dialog box.

Select File Definition to Check in Dialog Box

Introduction The Select File Definition Files to Check in dialog box is used to move a working copy of a file definition file (DDF) from your working directory to the master directory for file definitions.

Illustration This illustration shows the Select File Definition Files to Check in dialog box.



(Continued on next page)

Fields and functions

This table lists the fields of the Select File Definitions to Check in dialog box and their functions.

Field	Function
File Definition files from	<p>Displays the name of the working directory.</p> <p>The list below the name displays the names of the file definition files in the working directory. An asterisk next to a name indicates that the file is currently checked out.</p> <p>Note You can use the browse button to select a different directory.</p>
Check in File Definition files to	<p>Displays the name of the master directory for file definition files. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the file definition files in the master directory.</p>
Add	Adds the name of the selected file definition file to the list of file definition files in the master directory.
Remove	Removes the name of the file definition file from the master directory check in list.
Add All	Adds the names of all the file definition files in the working directory to the master directory.
Remove All	Removes the names of all the file definition files from the master directory check in list.
Check in and Remove	Saves your changes, starts moving the file definition files, and deletes the working copies from the working directory.
Check in and not Remove	Saves your changes, starts moving the file definition files, and retains the working copies in the working directory.
Cancel	Cancel your changes and closes the dialog box.

Select Map and File Definition Files to Unlock Dialog Box

Introduction This topic describes the following dialog boxes:

- ▶ Select Map Files to Unlock
- ▶ Select File Definition Files to Unlock

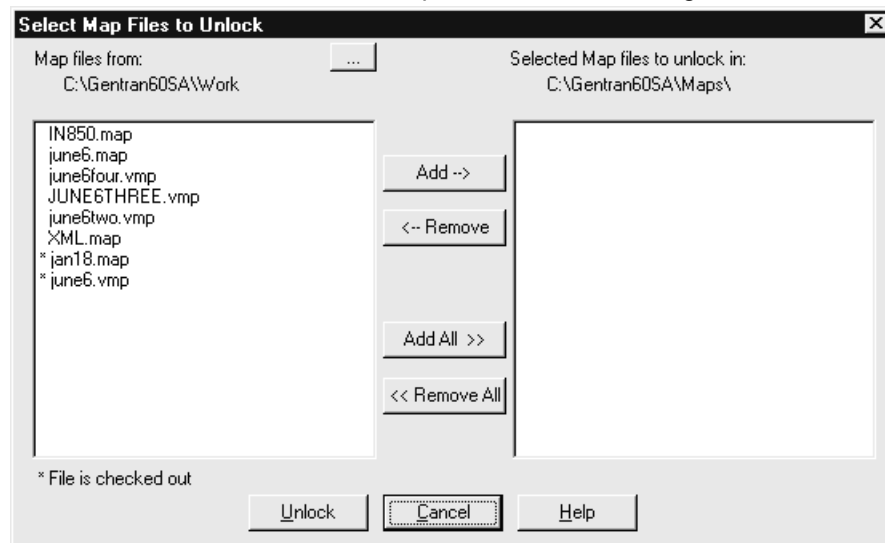
Purpose The **unlock** dialog box is used to remove the lock from the master file when you do not want to save changes to a file in your working directory. The following files can be unlocked:

- ▶ map files
- ▶ file definitions files

Example unlock dialog box

The same dialog box format is used to unlock file definition files.

This illustration shows the Select Map Files to Unlock dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the dialog box will list maps created in both the Application Integration Mapper and the Visual Mapper with the extensions .map and .vmp respectively.

(Continued on next page)

Fields and functions

This table lists the fields of the Select Map Files to Unlock dialog box and their functions.

Field	Function
...files from	<p>Displays the name of the working directory.</p> <p>The list below the name displays the names of the files in the working directory. An asterisk next to a name indicates that the file is currently checked out.</p> <p>Notes You can use the browse button to select a different directory.</p>
Selected <filename> files to unlock in	<p>Displays the name of the master directory for the files. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the files in the master directory.</p>
Add	Adds the name of the selected file to the list of files in the master directory.
Remove	Removes the name of the file from the master directory unlock list.
Add All	Adds the names of all the files in the working directory to the master directory.
Remove All	Removes the names of all the files from the master directory unlock list.
Unlock	Unlocks the file or files you have selected
Cancel	Cancels your changes and closes the dialog box.

Procedures

How to Check Out and View Maps and File Definitions

Introduction

This topic explains how to check out a file.

What happens when you check out a file in Workstation

When you check out a file in GENTRAN:Server Workstation, GENTRAN:Server copies the file from the master directory to the working directory on the PC.

What happens when you check out a file in UNIX

When you check out a file, GENTRAN:Server transfers a copy of the file from the Host to the client PC's working directory. If you have Full permission, GENTRAN:Server locks the file on the host so that other users cannot edit it. If you have View privileges, GENTRAN:Server does not lock the file.

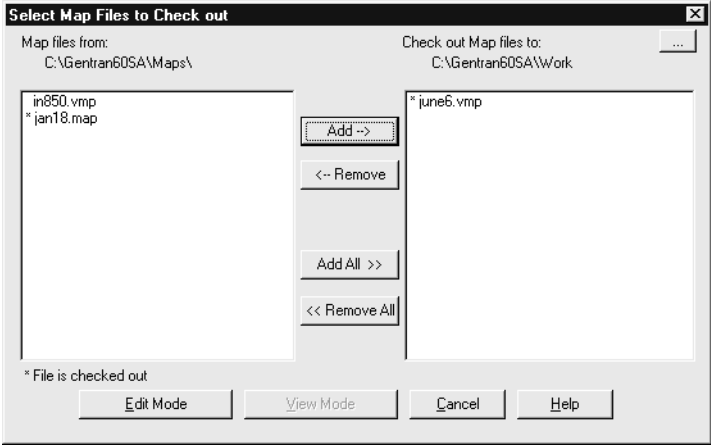
You can check out a file to any directory. The default directory is the one specified in the Setup Directories dialog box.

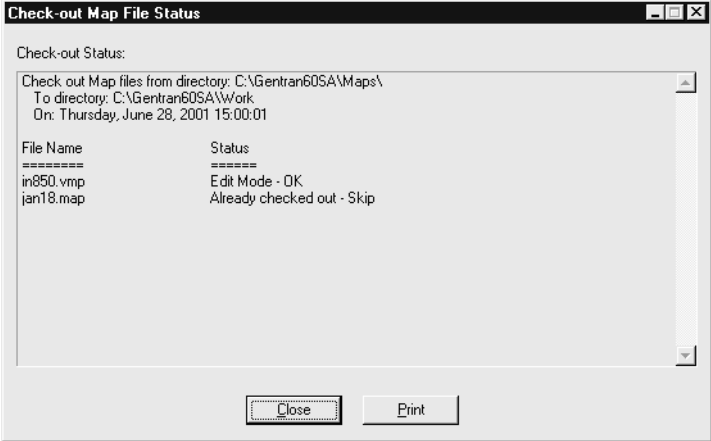
If GENTRAN:Server locks the file when you check it out, other users cannot check it out to edit it. You must check in the file to release the lock so that another user can access it.

(Continued on next page)

Checking out a map or file definition in Workstation

Use this procedure to check out a map, or a file definition file in Workstation.

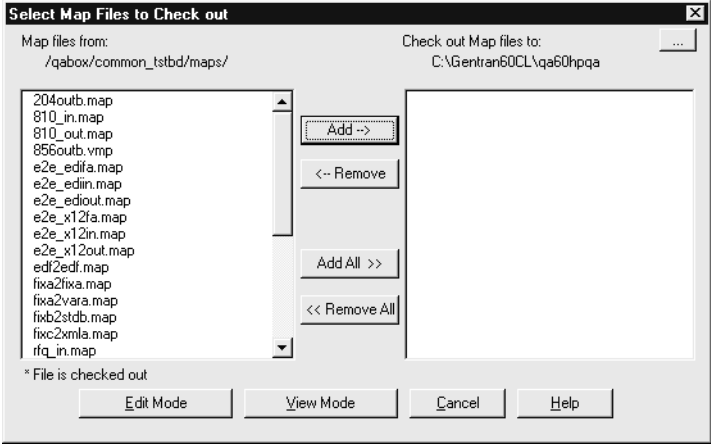
Step	Action
1	<p>Select Check Out from the GENTRAN:Server Main File menu and click the type of file you want to check out.</p> <ul style="list-style-type: none"> ▶ Map ▶ File Definition File <p>System Response GENTRAN:Server displays the Select <filename> files to Check out dialog box.</p>  <p>Notes An asterisk next to a file name indicates that the file is already checked out.</p> <p>The View Mode button is available only in the client/server version Select Map Files to Check out dialog box.</p>
2	<p>Check the name of the default directory to which the system will copy checked out files. Do you want to check out files to a different directory?</p> <ul style="list-style-type: none"> ▶ If YES, click the directory button and browse to the directory; continue with the next step. ▶ If NO, continue with the next step. <p style="text-align: right; color: red;">(Continued on next page)</p>


(Contd) Step	Action	
3	Use this table to determine your next step.	
	IF you want to check out...	THEN...
	a single file	Select the file you want to check out from the list in the left pane and click Add . Repeat this step for each additional file you want to check out.
4	all the available files	Click Add All .
5	<p>Click Edit Mode.</p> <p>System Response GENTRAN:Server displays the Check-out <filename> File Status dialog box.</p> 	
6	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close. 	

(Continued on next page)

Checking out and viewing maps in UNIX

Use this procedure to check out a map.

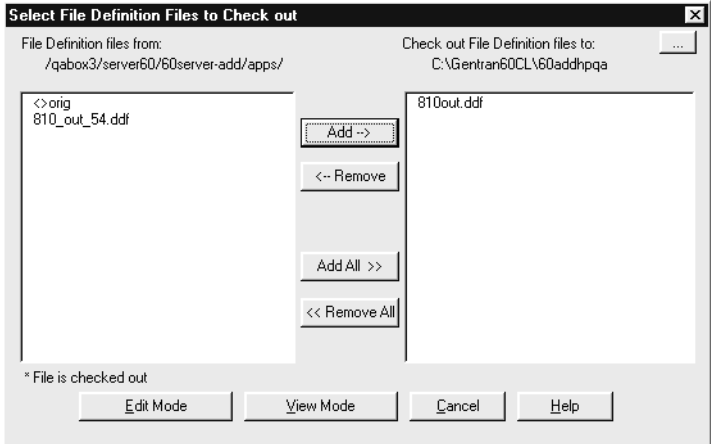
Step	Action	
1	Open the GENTRAN:Server Main window.	
2	<p>Select Check Out from the File menu and then click Map.</p> <p>System Response The system displays the Select Map Files to Check Out dialog box.</p>  <p>Note An asterisk preceding a file name means that the file is checked out. Even if you have Full access, you can only open the file for viewing.</p>	
3	Use this table to determine your next step.	
	IF you want to check out ...	THEN...
	a map	<p>Select the map you want to check out from the list and click Add.</p> <p>Repeat this step for each additional map you want to check out.</p>
	all the available maps	<p>Click Add All.</p> <p>(Continued on next page)</p>

(Contd) Step	Action
4	<p>Do you want to edit the files you are checking out?</p> <ul style="list-style-type: none"> ▶ If YES, click Edit Mode. (This locks the master files.) ▶ If NO, click View Mode. <p>System Response GENTRAN:Server displays the Checkout Files Status dialog box. This dialog box lists the files to be checked out and the status of the process.</p> 
5	<p>Do you want to print the information displayed on the Checkout Files Status dialog box?</p> <ul style="list-style-type: none"> ▶ If YES, click Print. ▶ If NO, click Close.

(Continued on next page)

Checking out a file definition in UNIX

Use this procedure to check out a file definition file.

Step	Action						
1	Open the GENTRAN:Server Main window.						
2	<p>Select Check out from the File menu and then click File Definition.</p> <p>System Response The system displays the Select File Definition Files to Check out dialog box.</p>  <p>Note An asterisk preceding a file name means the file is checked out.</p>						
3	<p>Use the following table to determine your next step.</p> <table border="1"> <thead> <tr> <th>IF you want to check out...</th> <th>THEN...</th> </tr> </thead> <tbody> <tr> <td>a single file definition file</td> <td>Select the file definition file you want to check out from the left pane and then click Add. Repeat this step for each additional file you want to check out.</td> </tr> <tr> <td>all the available file definition files</td> <td>Click Add All.</td> </tr> </tbody> </table>	IF you want to check out...	THEN...	a single file definition file	Select the file definition file you want to check out from the left pane and then click Add . Repeat this step for each additional file you want to check out.	all the available file definition files	Click Add All .
IF you want to check out...	THEN...						
a single file definition file	Select the file definition file you want to check out from the left pane and then click Add . Repeat this step for each additional file you want to check out.						
all the available file definition files	Click Add All .						
4	<p>Do you want to edit the files you are checking out?</p> <ul style="list-style-type: none"> ▶ If YES, click Edit Mode to move a copy of the file to your working directory (This locks the master files). ▶ If NO, click View Mode. 						

How to Save Changes to Working Files

Introduction

If an Application Integration Mapper map file is open, you can save changes on the PC:

- ▶ To the open file
- ▶ To the working copy of a map (but not to the original map)

Note

You can also save the map files by using a new file name.

Reference

To replace an original map with a working copy of the map that you have modified, see [How to Check In Maps and Translation Objects](#) in this chapter.

WARNING

If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.

For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.

GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.

Saving changes to an open file

Use this procedure to save changes to an open file.

Procedure

Click **Save** on the **File** menu.

System Response

GENTRAN:Server updates the file.

(Continued on next page)

Saving to a new file name

Use this procedure to save an open working map file to a new file name in the working directory.

CAUTION

You cannot use this procedure to save a working map file to the master directory.

Step	Action
1	Click Save As on the File menu. System Response GENTRAN:Server displays the Save As dialog box.
2	Type the new file name for the copy of the map. Note You cannot save a map file to another directory, but you can save it under a new file name. Reference See How to Check In Maps and Translation Objects in this chapter to replace a master map file with a modified working copy.
3	Click OK . System Response GENTRAN:Server saves a copy of the map under the new name.

How to Unlock Master Files and Delete Working Copies

Introduction

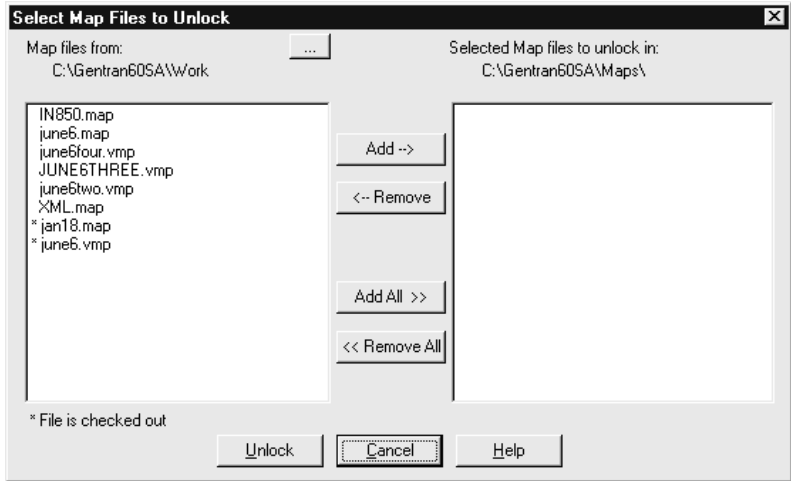
If you do not want to save changes to a file in your working directory, you can use the GENTRAN:Server Unlock function to remove the lock from the master file and delete the working copy of the file. This procedure explains how to use the Unlock function.

CAUTION

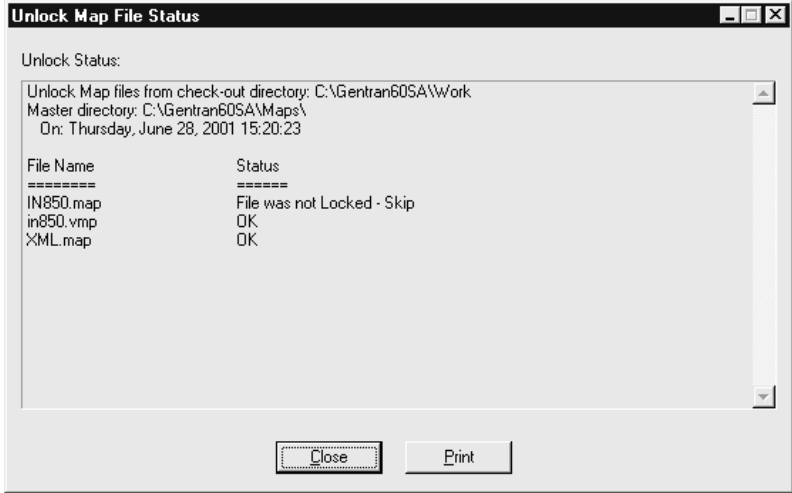
When you unlock a master file, you lose all changes you made to the working file. Use this procedure only if you want to delete the working file.

Procedure

Use this procedure to unlock a master file and delete a working file.

Step	Action
1	<p>Select Unlock from the File menu and click the type of file you want to unlock:</p> <ul style="list-style-type: none"> ▶ Map ▶ File Definition File <p>System Response GENTRAN:Server displays the Select <filename> Files to Unlock dialog box.</p>  <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to unlock...	THEN...
	a single file	Select the file you want to remove from the list of available files in the left box and click Add . System Response GENTRAN:Server moves the selected file to the selected files to unlock list.
	all the available files	Click Add All . System Response GENTRAN:Server moves all the files to the selected files to unlock list.
	.	
3	Click Unlock . System Response GENTRAN:Server displays this dialog box. <div data-bbox="688 1108 1365 1283" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="margin: 0;">Warning X</p> <p style="margin: 0;">? You will lose all changes when you unlock files. Do you want to unlock files?</p> <p style="margin: 0; text-align: center;"> <input type="button" value="Yes"/> <input type="button" value="No"/> </p> </div> <p style="text-align: right; color: red; margin-top: 10px;">(Continued on next page)</p>	

(Contd) Step	Action
4	<p>Do you want to continue?</p> <ul style="list-style-type: none"> ▶ If YES, click Yes. ▶ If NO, click No. <p>System Response If you clicked Yes, GENTRAN:Server displays the Unlock <filename> File Status dialog box.</p> 
5	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close.

How to Copy a Translation Object to the Host User Directory

Introduction

After you compile a new map to create translation object, you can copy the translation object to the Host user directory for testing with the translator.

Copying a translation object to the host user directory

Use this procedure to copy a translation object to the Host user directory.

Step	Action
1	Open the GENTRAN:Server Main Window.
2	Select Copy .TBL/.TPL file to User Directory... System Response GENTRAN:Server displays a dialog box for you to select the file you want to copy.
3	Select the translation object (TPL file) and click Open . System Response GENTRAN:Server copies the file to the User Directory on the Host.

How to Check In Maps and Translation Objects

Introduction

This topic explains how to check in maps and the translation objects (TPL files) associated with them.

What happens when you check in a file in Workstation

When you are satisfied that a working map and translation object produces the results you expect, you **check in** the working file. When you check in a working file, the system copies the file from the working directory to the master directory, replacing the original file. The working file becomes the new map or translation object. You can choose to leave a copy of the file in the working directory or remove it.

What happens when you check in a file in UNIX

When you check in a file, GENTRAN:Server transfers a copy of the file from the working directory on your PC to the user directory on the Host. You can choose whether or not to keep or remove the copy of the file that is on your PC.

After the file has been transferred, GENTRAN:Server

- copies the file from the user directory to the master directory
 - removes the copy from the user directory
 - unlocks the master file so that others can access it.
-

Maps

The procedure for checking in maps differs from that for checking in other files, because you can check in multiple maps at the same time.

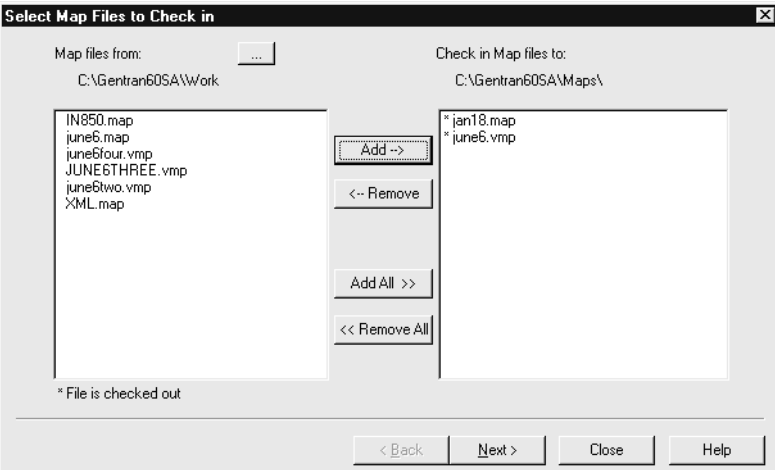
You can check in a compiled working map or an uncompiled working map.

- If you compile a working map before you check it in, the Check In function moves the compiled map to the master directory.
 - If you move an uncompiled working map, you must compile it in the master directory; otherwise, the translator will not recognize the changes.
-

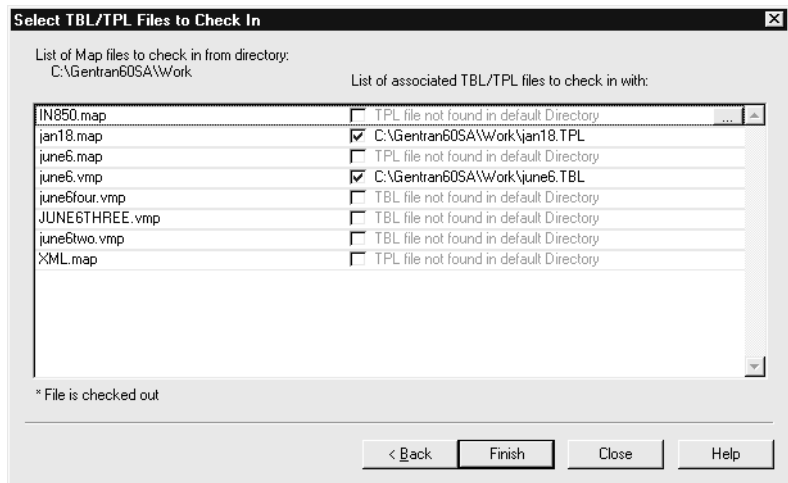
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Checking in maps and translation objects in Workstation

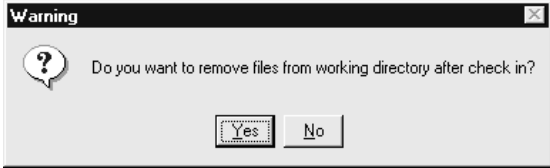
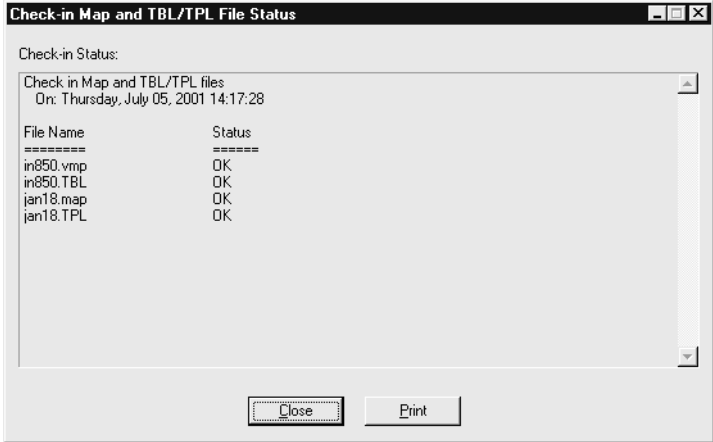
Use this procedure to check in a map and translation object.

Step	Action
1	<p>Select Check In from the GENTRAN:Server Main File menu and click Map.</p> <p>System Response GENTRAN:Server displays the Select Map Files to Check in dialog box.</p>  <p>WARNING</p> <p>If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.</p> <p>For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.</p> <p>GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.</p> <p>(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to check in...	THEN...
	a single map	Select the map you want to check in from the list in the left pane and click Add . Repeat this step for each additional map you want to check in.
	all the available maps	Click Add All .
3	Click Next . System Response GENTRAN:Server searches for the associated translation object files in the default Table Location directory and displays the results in the Select TBL/TPL Files to Check In dialog box.	
4	Do you want GENTRAN:Server to search for the translation object in a different directory?	
	<ul style="list-style-type: none"> ▶ If YES, click the browse button next to specify the directory; continue with next step. ▶ If NO, continue with Step 5. 	



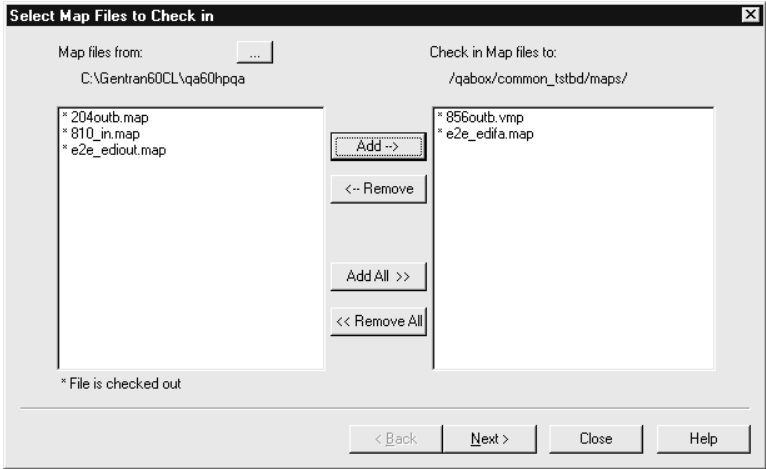
(Continued on next page)

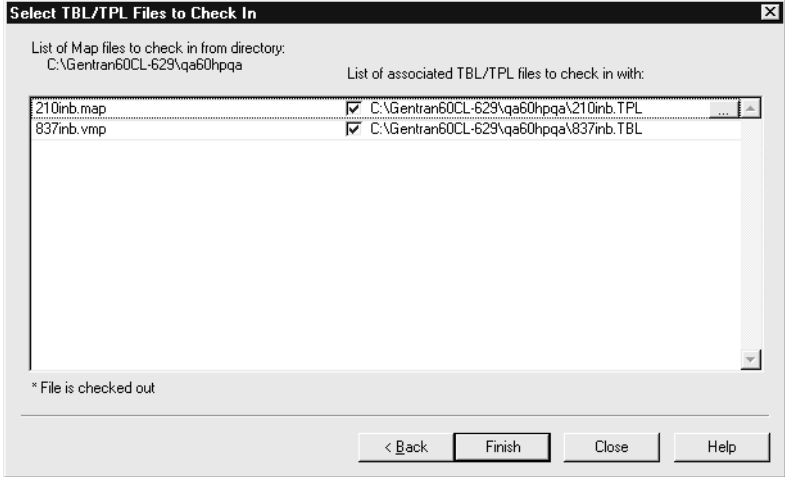
(Contd) Step	Action
5	<p>Do you want to check in the translation object associated with the map you are checking in?</p> <ul style="list-style-type: none"> ▶ If YES, make sure that the check box next to the translation object is checked and then click Finish. ▶ If NO, click the check box to remove the check mark and then click Finish. <p>System Response GENTRAN:Server displays this dialog box.</p> 
6	<p>Do you want to remove the copies of the working files from the working directory after the files are checked in?</p> <ul style="list-style-type: none"> ▶ If YES, click the Yes button. ▶ If NO, click the No button. <p>System Response The system displays the Check-in Map and TBL/TPL File Status dialog box.</p> 
7	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close.

(Continued on next page)

Checking in maps and translation objects in UNIX

Use this procedure to replace a map in the master directory with a modified working map.

Step	Action
1	<p>Click Check In from the Main File menu and select Map as the type of file to check in.</p> <p>System Response The system displays the Select Map Files to Check In dialog box.</p>  <p>Note The list on the left shows only the maps that are in your working directory.</p> <p>WARNING If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.</p> <p>For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.</p> <p>GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.</p> <p style="text-align: right;">(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to...	THEN...
	Check in a map	Select the map you want to check in from the list and click Add . Repeat this step for each additional map you want to check in.
	Check in all the available maps	Click Add All .
3	<p>Click Next.</p> <p>System Response GENTRAN:Server displays the Select TBL/TPL Files to Check In dialog box.</p> 	
4	<p>Do you want to check in the translation objects (compiled maps) associated with the maps you selected?</p> <ul style="list-style-type: none"> ▶ If YES, make sure that the check box next to the name of the translation object is checked. ▶ If NO, remove the check box from the translation objects that you do not want to check in. <p style="text-align: right; color: red;">(Continued on next page)</p>	

(Contd) Step	Action
5	Click Finish . System Response The system moves the selected files from the working directory on the client to the user directory on the Host. After the files have been transferred successfully, the system moves them from the user directory to the master directory and unlocks the master files.

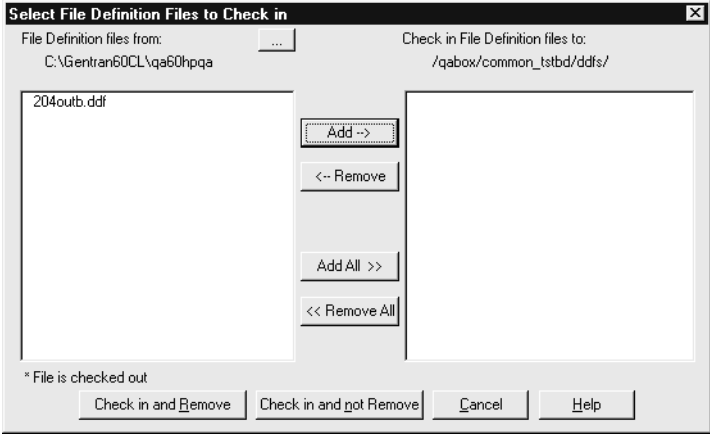
How to Check In File Definitions

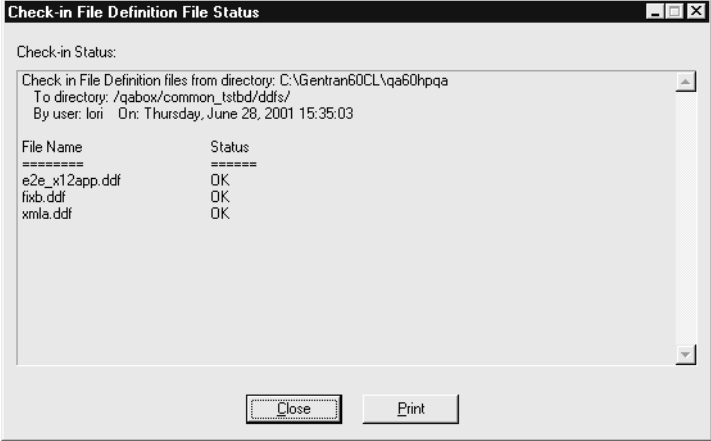
Introduction

When you are satisfied with a file definition file, you **check in** the working file. When you check in a working file, the system copies the file from the working directory to the master directory, replacing the original file. The working file becomes the new file definition. You can choose to leave a copy of the file in the working directory or remove it.

Checking in a file definition in Workstation and UNIX

Use this procedure to check in a file definition file.

Step	Action
1	<p>Select Check In from the GENTRAN:Server Main File menu and click either File Definition File System Response GENTRAN:Server displays the Select File Definition File to Check in dialog box.</p>  <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to check in...	THEN...
	a single file definition file	Select the file definition file you want to check in from the list in the left pane and click Add . Repeat this step for each additional file you want to check in.
all the available file definition files	Click Add All .	
3	Use this table to determine your next step.	
	IF you want to...	THEN click...
	Remove the working files from the working directory after they are checked in	Check in and Remove
Leave the working files in the working directory after they are checked in	Check in and not Remove	
<p>System Response GENTRAN:Server displays the Check-in File Definition File Status dialog box.</p>  <p style="text-align: right; color: red;">(Continued on next page)</p>		

(Contd) Step	Action
4	Do you want to print the status report? <ul style="list-style-type: none">▶ If YES, click Print.▶ If NO, click Close.

Working with the Visual Mapper

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Overview

Working in Workstation

Introduction GENTRAN:Server Workstation uses numerous data files such as maps, compiled maps (TBL), implementation guides, application descriptions, and Trading Partnership records.

Master directory GENTRAN:Server Workstation stores the master files (maps, compiled maps, implementation guides, application descriptions, etc.) on the PC in the master directory specified for the file type. You specify the master directories in the Set Up Directories dialog box, which is available from the main GENTRAN:Server window under the Settings menu.

File checkout When you want to edit a master file, you must check it out. When you check out a map file to edit it, GENTRAN:Server Workstation moves a copy of the file to the working directory and retains the original file in the master directory.

Working directory GENTRAN:Server Workstation stores your working files (copies of checked out maps, implementation guides, and application descriptions) in the working directory on the PC. This enables you to modify a checked-out map without affecting the original file. You specify the working directories in the Set Up Directories dialog box, which is available from the GENTRAN:Server Settings menu.

Map check in When you **check in** a map file, GENTRAN:Server Workstation transfers a copy of the file from your working directory to the master directory. If the map file is one that you checked out, Workstation replaces the map in the master directory with the working copy. The working copy becomes the new master file for the map. GENTRAN:Server lets you to choose to keep or remove the copy of the file in your working directory.

Working in GENTRAN:Server for UNIX

Background

GENTRAN:Server uses numerous data files such as maps, compiled maps (TBL), implementation guides, application descriptions, and Trading Partnership records. GENTRAN:Server for UNIX installations control access to data files through environments, master files and working files, and through checking out and checking in master files.

Access rights

GENTRAN:Server for UNIX provides a security utility. A system administrator uses this utility to assign each user the appropriate access rights for each of the GENTRAN:Server installations (environments). Within each installation, the system administrator can assign different levels of access to a user for each of the following functional areas:

- Editing maps and application descriptions and implementation guides
- Editing archived files
- Editing Trading Partnership records and related files (contact records, organization records, TRADACOMS supplemental files, and category records)
- Running the translator
- Using the Run Program tool.

This table shows the different levels of access that can be assigned to a function.

Access Type	Permissions
Full	View, copy, rename, load, unload, and edit files
View	View, copy, rename, load, and unload files, but not to edit them
No Access	None

Master files

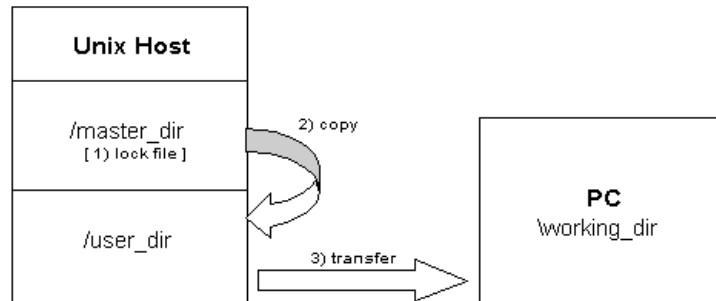
Each installation contains **master files**.

A master file is the original, source version available to all users for viewing, and to one user at a time for editing.

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Working files

When you check out a master file to view or edit, GENTRAN:Server copies the file and transfers the working copy from the Host to your client's check out (working files) directory.

Check out files for Gentrans Server for Unix in V6.0

You can check out a file to any directory on your client, but the default directory is the one specified in the Set Up Directories dialog box.

File checkout

When you want to access a master file to edit, you must check it out. When you check out a file to edit, the system locks the file so that other users cannot modify it while you have it checked out.

Other users with proper permissions still can view the master file or use it in a translation even while you are editing your working copy of the master file.

Note

Within the file directories, an asterisk precedes the name of any file that is currently checked out.

(Continued on next page)

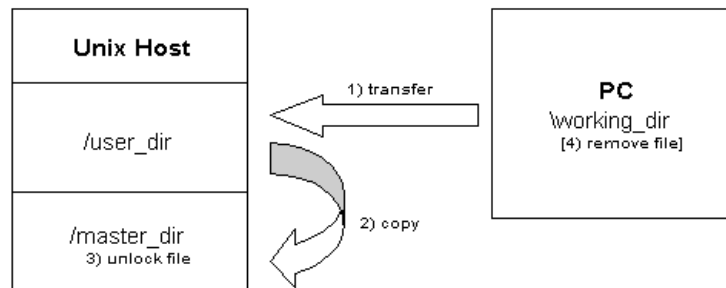
Checking in

Before any other user can edit a file that you have checked out, you must check the file in.

When you check in a file, GENTRAN:Server transfers a copy of the file from your client PC to the user directory on the Host. When the transfer is complete, GENTRAN:Server:

- copies the file from the Host user directory to the Host master directory
- removes the copy from the Host user directory.

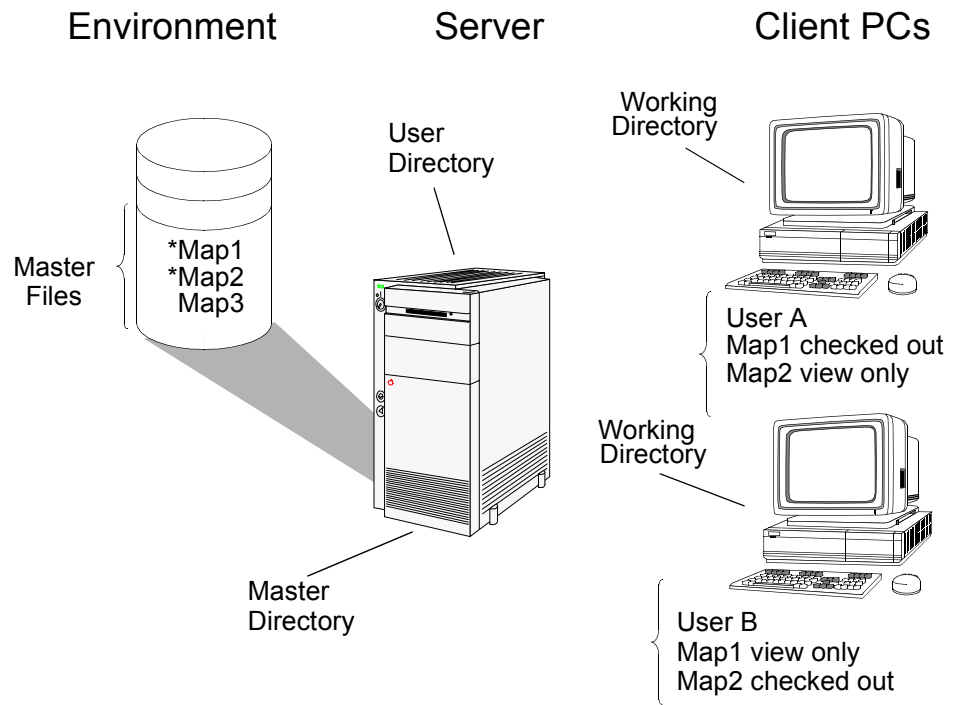
Check in files for Gentran Server for Unix in V6.0



When you check in a file, GENTRAN:Server lets you choose to keep or remove the copy of the file on your PC.

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Illustration This illustration shows how file access can be controlled under GENTRAN:Server for UNIX.

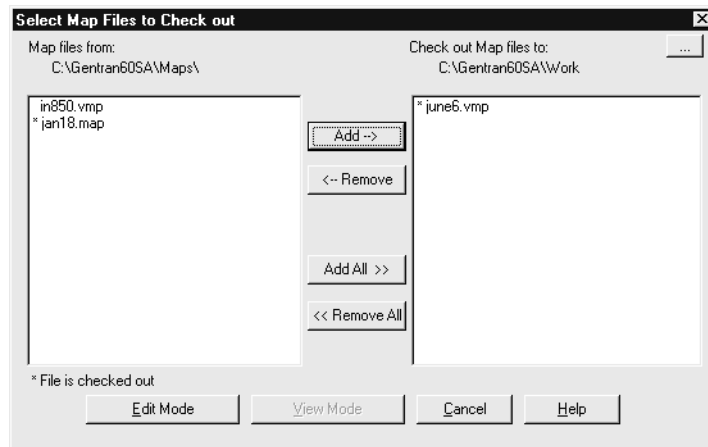


Dialog Boxes

Select Map Files to Check Out Dialog Box

Introduction The Select Map Files to Check Out dialog box is used to move a copy of a map from the master directory to a working directory on the PC. It also moves associated TBL/TPL files

Illustration This illustration shows the Select Map Files to Check Out dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the Select Map Files to Check out dialog box lists the maps created in both the Application Integration Mapper and the Visual Mapper with the extensions .map and .vmp respectively.

(Continued on next page)

Fields and functions

This table lists the fields of the Select Map Files to Check Out dialog box and their functions.

Field	Function
Map files from	<p>Displays the name of the master directory.</p> <p>The list below the name displays the names of the maps in the master directory. An asterisk next to a name indicates that the map is currently checked out.</p>
Check out Map files to	<p>Displays the name of the default working directory on your PC. This is the directory to which GENTRAN:Server copies the map file.</p> <p>The list below the directory name displays the names of the working maps in the working directory.</p> <p>Note You can use the browse button to select a different directory.</p>
Add	Adds the name of the selected map to the list of maps in the working directory.
Remove	Removes the name of the map from the working directory check out list.
Add All	Adds the names of all the maps in the master directory to the working directory.
Remove All	Removes the names of all the maps from the working directory check out list.
Edit Mode	<p>Checks out the maps so that you can edit them. Copies the maps that you added to the Check out Map files to list and moves the copies into the working directory.</p>
View Mode	<p>Checks out the maps so that you can view them. Copies the maps that you added to the Check out Map files to list and moves the copies into the working directory.</p> <p>Note View Mode is available on the client/server Select Map Files to Check out dialog box.</p>

Select IG/Application Description Files to Check out Dialog Box

Introduction

This topic describes the following dialog boxes:

- ▶ Select Implementation Guide Files to Check out
- ▶ Select Application Description Files to Check out

Purpose

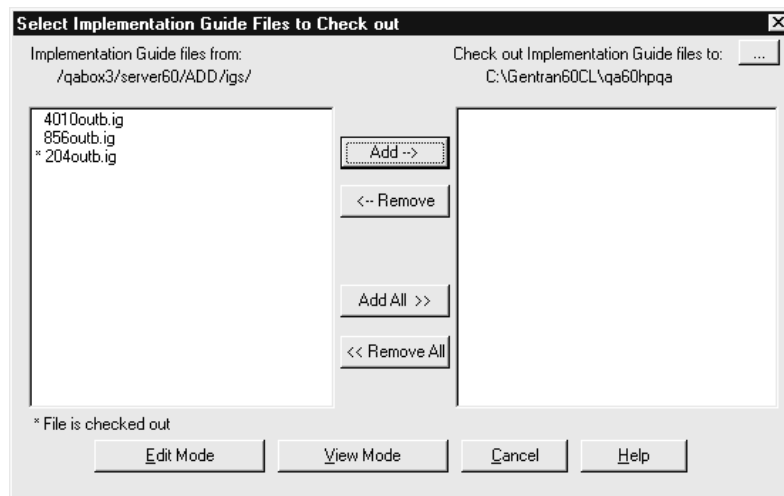
The check out dialog box is used to move a copy of a file from the master directory to a working directory on the PC. The following files can be checked out:

- ▶ application descriptions files
- ▶ implementation guides files

Example check out dialog box

The same dialog box format is used to check out application description files.

This illustration shows the Select Implementation Guide Files to Check out dialog box.



(Continued on next page)

Fields and functions

This table lists the fields of the Select Implementation Guide Files to Check Out and Select Application Description Files dialog box and their functions.

Field	Function
...files from	<p>Displays the name of the master directory.</p> <p>The list below the name displays the names of the files in the master directory. An asterisk next to a name indicates that the file is currently checked out.</p>
Check out <filename> files to	<p>Displays the name of the default working directory on your PC. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the working files in the working directory.</p> <p>Note You can use the browse button to select a different directory.</p>
Add	Adds the name of the selected file to the list of files in the working directory.
Remove	Removes the name of the file from the working directory check out list.
Add All	Adds the names of all the files in the master directory to the working directory.
Remove All	Removes the names of all the files from the working directory check out list.
Edit Mode	Checks out the files so that you can edit them. Copies the files that you added to the Check out <filename> files to list and moves the copies into the working directory.
View Mode	<p>Checks out the map files (file definition files so that you can view them. Copies the maps that you added to the Check out <filename> files to list and moves the copies into the working directory.</p> <p>Note View Mode is available on Select Application Description File to Check out dialog box.</p>

Select Generic Synonym/Thesaurus File to Check out Dialog Box

Introduction This topic describes the following dialog boxes:

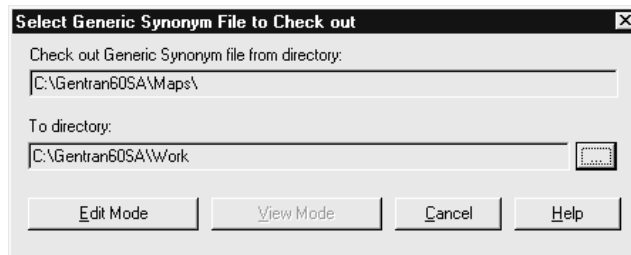
- ▶ Select Generic Synonym File to Check out
- ▶ Select Thesaurus File to Check out

Purpose The check out dialog boxes are used to move a copy of a generic synonym list or thesaurus list from the master directory to a working directory on the PC.

Example check out dialog box

The same dialog box format is used to check out a thesaurus list.

This illustration shows the Select Generic Synonym File to Check out dialog box.



Fields and functions

This table lists the fields of the Select Generic Synonym File to Check out and the Select Thesaurus File to Check out dialog box and their functions.

Field	Function
... file from directory	Displays the name of the master directory.
To directory	Displays the name of the default working directory on your PC. This is the directory to which GENTRAN:Server copies the file. Note You can use the browse button to select a different directory.

(Continued on next page)

(Contd) Field	Function
Edit Mode	Checks out the file so that you can edit it. Copies the file that you selected and moves the copy into the working directory.
View Mode	Checks out the file so that you can view them. Copies the file that you selected and moves the copy into the working directory.

Select Map Files to Check in Dialog Box

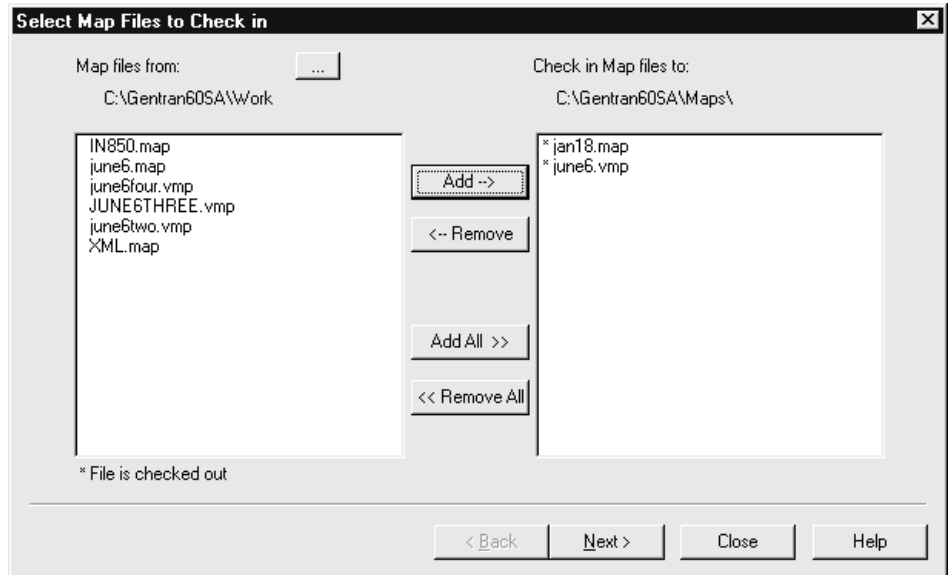
Introduction This topic describes the Select Map Files to Check in dialog box.

Purpose The Select Map Files to Check in dialog box is used to move the saved working file from your working directory to the master directory. The system replaces the master file with the map you check in. The following files can be checked in:

- map files
- associated TBL files

Example check in dialog box

This illustration shows the Select Map Files to Check in dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the dialog box will list maps created in both the Application Integration Mapper and the Visual Mapper with the extensions .map and .vmp respectively.

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Fields and functions

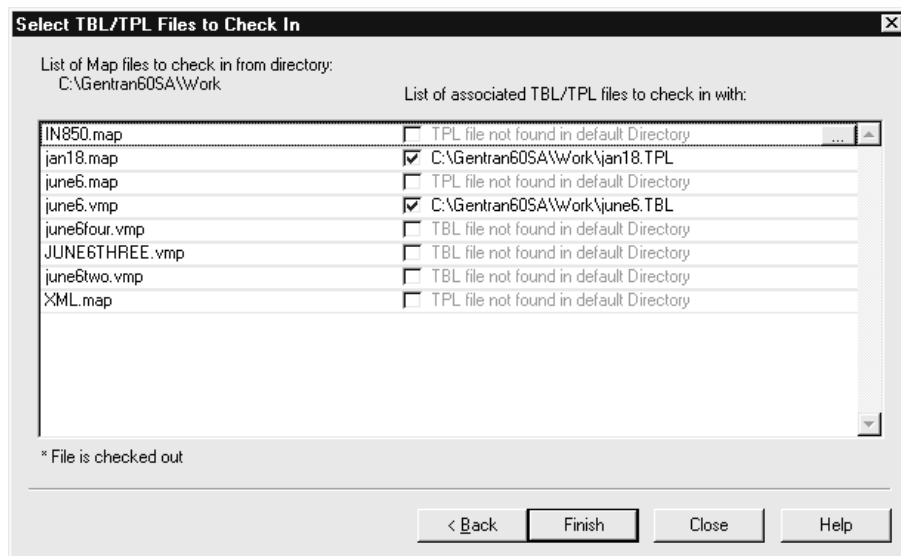
This table lists the fields of the Select Map Files to Check in dialog box and their functions.

Field	Function
Map files from	<p>Displays the name of the working directory on your PC.</p> <p>The list below the name displays the names of the maps in the working directory.</p> <p>Note You can use the browse button to select a different directory.</p>
Check in Map files to	<p>Displays the name of the master directory for maps on your PC. This is the directory to which GENTRAN:Server copies the map file.</p> <p>The list below the directory name displays the names of the maps in the master directory.</p>
Add	Adds the name of the selected map to the list of maps in the master directory.
Remove	Removes the name of the map from the master directory check in list.
Add All	Adds the names of all the maps in the working directory to the master directory.
Remove All	Removes the names of all the maps from the master directory check in list.
Next	Flags the maps to be checked in and displays the Select TBL/TPL Files to Check In dialog box.
Close	Closes this dialog box without saving your changes.

Select TBL/TPL Files to Check In Dialog Box

Introduction The Select TBL/TPL Files to Check In dialog box is used to select the compiled maps you want to check in.

Illustration This illustration shows the Select TBL/TPL Files to Check In dialog box.



Note

If your GENTRAN:Server software is configured with Visual Mapper capabilities, then the dialog box will list maps and associated files created in both the Application Integration Mapper and the Visual Mapper with the extensions .map (TPL) and .vmp (TBL) respectively.

(Continued on next page)

Fields and functions

This table lists the fields of the Select TBL/TPL to Check In dialog box and their functions.

Field	Function
List of Map files to check in from directory	Displays the name of the working directory on your PC. The list below the name displays the names of the maps you are checking in.
List of associated TBL/TPL files to check in with	Displays the names of the translation objects associated with the maps you are checking in.
Back	Returns to the Select Maps to Check In dialog box.
Finish	Saves your changes and checks in the maps and translation objects you selected.
Close	Cancel your changes and closes the dialog box.

Select IG/Application Description Files to Check in Dialog Box

Introduction

This topic describes the following dialog boxes:

- ▶ Select Implementation Guide Files to Check in
- ▶ Select Application Description Files to Check in

Purpose

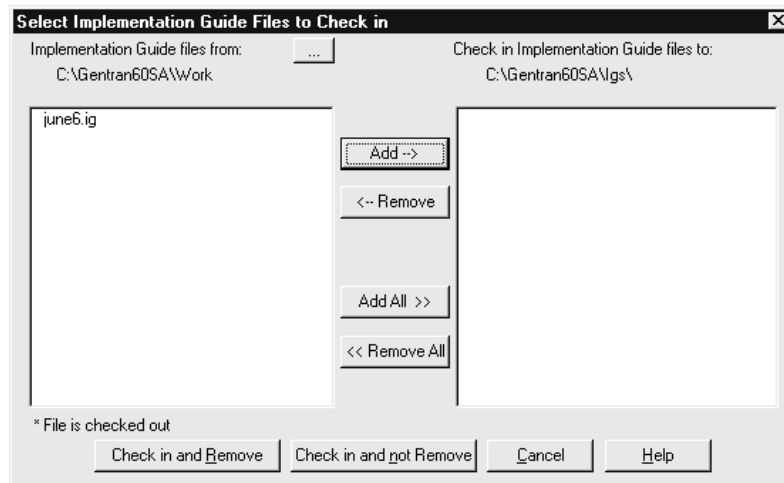
The check in dialog box is used to move the saved working copy of a file from your working directory to the master directory. The system replaces the master file with the file you check in. The following files can be checked in:

- ▶ implementation guides files
- ▶ application descriptions files

Example check in dialog box

The same dialog box format is used to check in application description files.

This illustration shows the Select Implementation Guide Files to Check in dialog box.



(Continued on next page)

Fields and functions

This table lists the fields of the Select Implementation Guide Files to Check in and Select Application Description Files to Check in dialog box and their functions.

Field	Function
... files from	<p>Displays the name of the working directory.</p> <p>The list below the name displays the names of the files in the working directory. An asterisk next to a name indicates that the file is currently checked out.</p> <p>Note You can use the browse button to select a different directory.</p>
Check in <filename> files to	<p>Displays the name of the master directory for files. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the files in the master directory.</p>
Add	Adds the name of the selected file to the list of file definition files in the master directory.
Remove	Removes the name of the file from the master directory check in list.
Add All	Adds the names of all the files in the working directory to the master directory.
Remove All	Removes the names of all the files from the master directory check in list.
Check in and Remove	Saves your changes, starts moving the files, and deletes the working copies from the working directory.
Check in and not Remove	Saves your changes, starts moving the files, and retains the working copies in the working directory.
Cancel	Cancel your changes and closes the dialog box.

Select Synonym and Thesaurus File to Check in Dialog Boxes

Introduction This topic describes the following dialog boxes:

- ▶ Select Generic Synonym File to Check in
- ▶ Select Thesaurus File to Check in

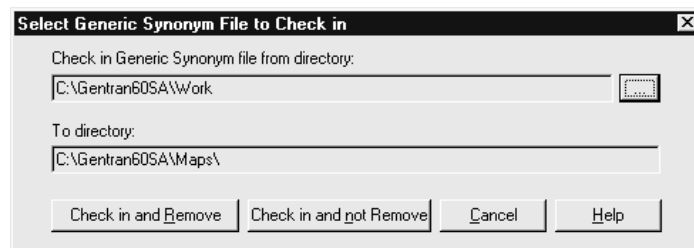
Purpose The check in dialog box is used to move the saved working copy of a file from your working directory to the master directory. The system replaces the master file with the file you check in. The following files can be checked in:

- ▶ generic synonym list
- ▶ thesaurus list

Example check in dialog box

The same dialog box format is used to check in thesaurus lists.

This illustration shows the Select Generic Synonym File to Check in dialog box.



(Continued on next page)

Fields and functions

This table lists the fields of the Select Generic Synonym File to Check in and Select Thesaurus File to Check in dialog box and their functions.

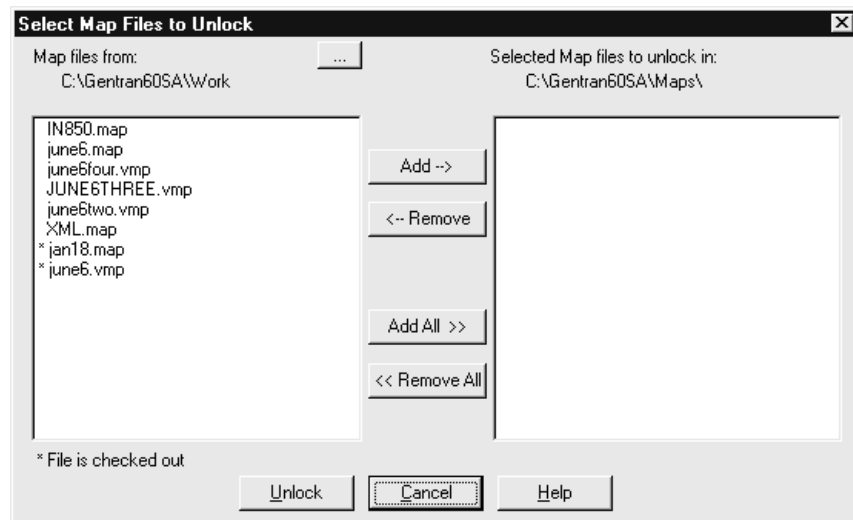
Field	Function
Check in <filename> file from directory	<p>Displays the name of the working directory.</p> <p>The list below the name displays the name of the file in the working directory.</p> <p>Note You can use the browse button to select a different directory.</p>
To directory	<p>Displays the name of the master directory for the file. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the name of the file in the master directory.</p>
Check in and Remove	Saves your changes, starts moving the file, and deletes the working copy from the working directory.
Check in and not Remove	Saves your changes, starts moving the file, and retains the working copy in the working directory.
Cancel	Cancel your changes and closes the dialog box.

Select Map Files to Unlock Dialog Box

Introduction The Select Map Files to Unlock dialog box is used to remove the **lock** from the master file when you do not want to save changes to a map file in your working directory.

Purpose The **unlock** dialog box is used to remove the lock from the master file when you do not want to save changes to a map file in your working directory.

Illustration This illustration shows the Select Map Files to Unlock dialog box dialog box.



(Continued on next page)

Fields and functions

This table lists the fields of the Select Map Files to Unlock dialog box and their functions.

Field	Function
Map files from	<p>Displays the name of the working directory.</p> <p>The list below the name displays the names of the map files in the working directory. An asterisk next to a name indicates that the file is currently checked out.</p> <p>Note You can use the browse button to select a different directory.</p>
Selected Map files to unlock in	<p>Displays the name of the master directory for map files. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the map files in the master directory.</p>
Add	Adds the name of the selected map files to the list of map files in the master directory.
Remove	Removes the name of the map file from the master directory unlock list.
Add All	Adds the names of all the map files in the working directory to the master directory.
Remove All	Removes the names of all the map files from the master directory unlock list.
Unlock	Unlocks the file or files you have selected
Cancel	Cancels your changes and closes the dialog box.

Select IG/Application Description Files to Unlock Dialog Box

Introduction

This topic describes the following dialog boxes:

- ▶ Select Implementation Guide Files to Unlock
- ▶ Select Application Description Files to Unlock

Purpose

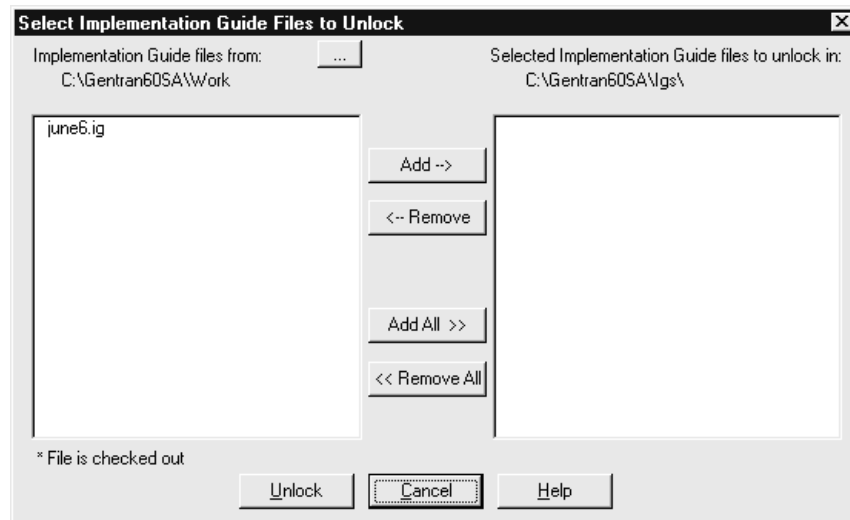
The Select <filename> Files to Unlock dialog box is used to remove the lock from the master file when you do not want to save changes to a file in your working directory. The following files can be unlocked:

- ▶ implementation guide files
- ▶ application description files

Example unlock dialog box

The same dialog box format is used to unlock application description files.

This illustration shows the Select Implementation Guide Files to Unlock dialog box.



(Continued on next page)

Fields and functions

This table lists the fields of the Select Implementation Guide Files to Unlock Select Application Description Files to Unlock dialog box and their functions.

Field	Function
...files from	<p>Displays the name of the working directory.</p> <p>The list below the name displays the names of the files in the working directory. An asterisk next to a name indicates that the file is currently checked out.</p> <p>Notes You can use the browse button to select a different directory.</p>
Selected <filename> files to unlock in	<p>Displays the name of the master directory for the files. This is the directory to which GENTRAN:Server copies the file.</p> <p>The list below the directory name displays the names of the files in the master directory.</p>
Add	Adds the name of the selected files to the list of map files in the master directory.
Remove	Removes the name of the file from the master directory unlock list.
Add All	Adds the names of all the files in the working directory to the master directory.
Remove All	Removes the names of all the files from the master directory unlock list.
Unlock	Unlocks the file or files you have selected
Cancel	Cancels your changes and closes the dialog box.

Synonym and Thesaurus File to Unlock Dialog Boxes

Introduction This topic describes the following dialog boxes:

- ▶ Select Generic Synonym Files to Unlock
- ▶ Select Thesaurus Files to Unlock

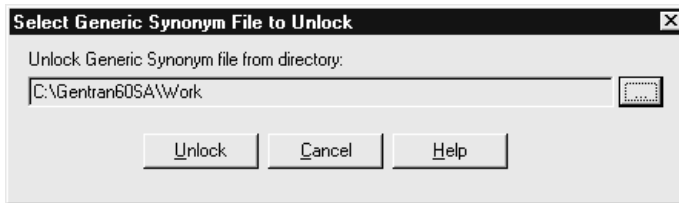
Purpose The unlock dialog box is used to remove the lock from the master file when you do not want to save changes to a file in your working directory. The following files can be unlocked:

- ▶ generic synonym list
- ▶ thesaurus list

Example unlock dialog box

The same dialog box format is used to unlock thesaurus lists.

This illustration shows the Select Generic Synonym Files to Unlock dialog box.



Fields and functions

This table lists the fields of the Select Generic Synonym Files to Unlock and Select Thesaurus Files to Unlock dialog box and their functions.

Field	Function
Unlock <filename> file from directory	Displays the name of the working directory. Note You can use the browse button to select a different directory.
Unlock	Unlocks the file or files you have selected
Cancel	Cancels your changes and closes the dialog box.

Procedures

How to Check Out and View Maps and IG/Application Descriptions

Introduction This topic explains how to check out a file.

What happens when you check out a file in Workstation When you check out a file in GENTRAN:Server Workstation, GENTRAN:Server copies the file from the master directory to the working directory on the PC.

What happens when you check out a file in UNIX When you check out a file, GENTRAN:Server transfers a copy of the file from the Host to the client PC's working directory. If you have Full permission, GENTRAN:Server locks the file on the host so that other users cannot edit it. If you have View privileges, GENTRAN:Server does not lock the file.

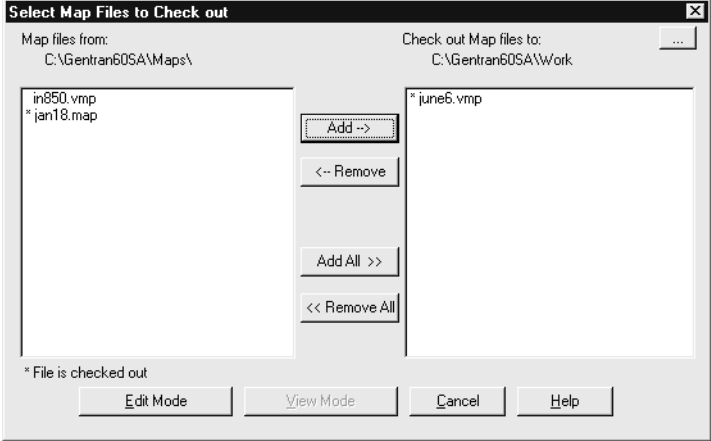
You can check out a file to any directory. The default directory is the one specified in the Setup Directories dialog box.

If GENTRAN:Server locks the file when you check it out, other users cannot check it out to edit it. You must check in the file to release the lock so that another user can access it.

(Continued on next page)

Checking out a map, an IG, or application description in Workstation

Use this procedure to check out a map, an implementation guide, an application description file in Workstation.

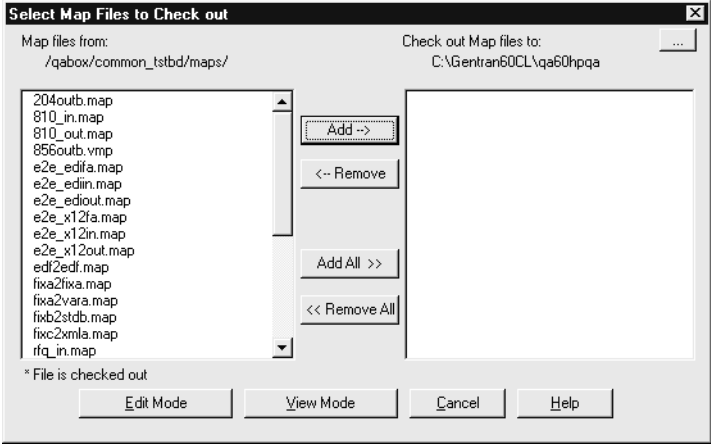
Step	Action
1	<p>Select Check Out from the GENTRAN:Server Main File menu and click the type of file you want to check out.</p> <ul style="list-style-type: none"> ▶ Map ▶ Implementation Guide ▶ Application Description <p>System Response GENTRAN:Server displays the Select <filename> files to Check out dialog box.</p>  <p>Notes An asterisk next to a file name indicates that the file is already checked out.</p> <p>The View Mode button is available only in the client/server version Select Map Files to Check out and Select Application Description Files dialog box.</p>
2	<p>Check the name of the default directory to which the system will copy checked out files. Do you want to check out files to a different directory?</p> <ul style="list-style-type: none"> ▶ If YES, click the directory button and browse to the directory; continue with the next step. ▶ If NO, continue with the next step. <p style="text-align: right;">(Continued on next page)</p>


(Contd) Step	Action									
3	Use this table to determine your next step.									
	IF you want to check out...	THEN...								
	a single file	Select the file you want to check out from the list in the left pane and click Add . Repeat this step for each additional file you want to check out.								
4	all the available files	Click Add All .								
5	Click Edit Mode . System Response GENTRAN:Server displays the Check-out <filename> File Status dialog box. <div data-bbox="672 978 1382 1415" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center; margin: 0;">Check-out Map File Status</p> <p>Check-out Status:</p> <p>Check out Map files from directory: C:\Gentran60SA\Maps\ To directory: C:\Gentran60SA\Work On: Thursday, June 28, 2001 15:00:01</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">File Name</th> <th style="text-align: left;">Status</th> </tr> </thead> <tbody> <tr> <td>=====</td> <td>=====</td> </tr> <tr> <td>in850.vmp</td> <td>Edit Mode - OK</td> </tr> <tr> <td>jan18.map</td> <td>Already checked out - Skip</td> </tr> </tbody> </table> <div style="text-align: right; margin-top: 10px;"> <input type="button" value="Close"/> <input type="button" value="Print"/> </div> </div>		File Name	Status	=====	=====	in850.vmp	Edit Mode - OK	jan18.map	Already checked out - Skip
File Name	Status									
=====	=====									
in850.vmp	Edit Mode - OK									
jan18.map	Already checked out - Skip									
6	Do you want to print the status report? <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close. 									

(Continued on next page)

Checking out and viewing maps in UNIX

Use this procedure to check out a map.

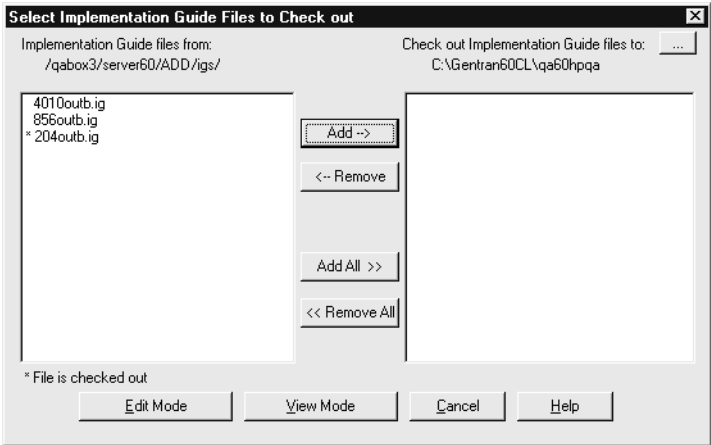
Step	Action	
1	Open the GENTRAN:Server Main window.	
2	<p>Select Check Out from the File menu and then click Map.</p> <p>System Response The system displays the Select Map Files to Check Out dialog box.</p>  <p>Note An asterisk preceding a file name means that the file is checked out. Even if you have Full access, you can only open the file for viewing.</p>	
3	Use this table to determine your next step.	
	IF you want to check out ...	THEN...
	a map	<p>Select the map you want to check out from the list and click Add.</p> <p>Repeat this step for each additional map you want to check out.</p>
	all the available maps	<p>Click Add All.</p> <p>(Continued on next page)</p>

(Contd) Step	Action
4	<p>Do you want to edit the files you are checking out?</p> <ul style="list-style-type: none"> ▶ If YES, click Edit Mode. (This locks the master files.) ▶ If NO, click View Mode. <p>System Response GENTRAN:Server displays the Checkout Files Status dialog box. This dialog box lists the files to be checked out and the status of the process.</p> 
5	<p>Do you want to print the information displayed on the Checkout Files Status dialog box?</p> <ul style="list-style-type: none"> ▶ If YES, click Print. ▶ If NO, click Close.

(Continued on next page)

Checking out an IG or application description in UNIX

Use this procedure to check out an implementation guide, an application description file.

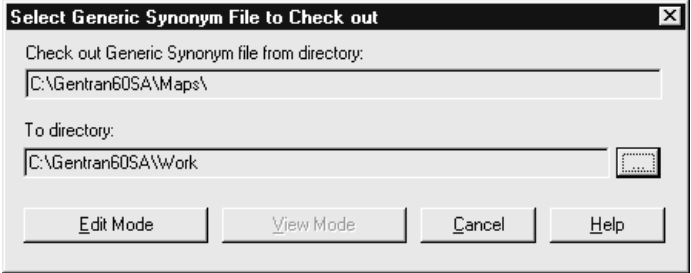
Step	Action
1	Open the GENTRAN:Server Main window.
2	<p>Select Check out from the File menu and then click Implementation Guide or Application Description.</p> <p>System Response The system displays the Select<filename>Files to Check out dialog box</p>  <p>Note An asterisk preceding a file name means the file is checked out.</p> <p style="text-align: right; color: red;">(Continued on next page)</p>

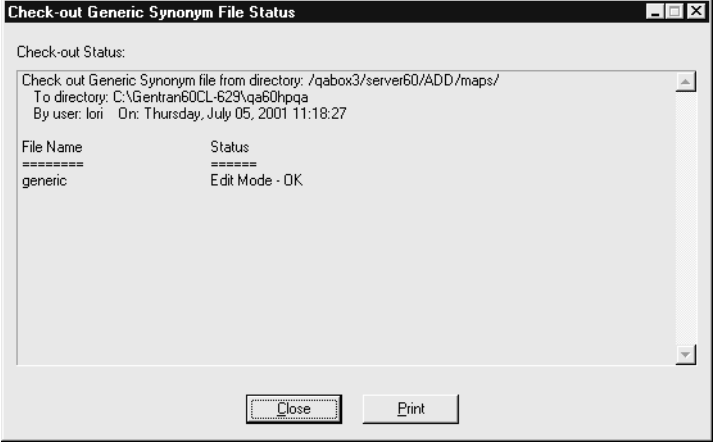
(Contd) Step	Action	
3	Use the following table to determine your next step.	
	IF you want to check out...	THEN...
	a single implementation guide or application description file	Select the implementation guide or application description file you want to check out from the left pane and then click Add . Repeat this step for each additional file you want to check out.
all the available implementation guide or application description files	Click Add All .	
4	Do you want to edit the files you are checking out? <ul style="list-style-type: none"> ▶ If YES, click Edit Mode to move a copy of the file to your working directory (This locks the master files). ▶ If NO, click View Mode. 	

How to Check out a Generic Synonym/Thesaurus List

Introduction This topic explains how to check out generic synonym list and a thesaurus list in Workstation and UNIX.

Procedure Use this procedure to check out a generic synonym list or thesaurus list file in Workstation.

Step	Action
1	<p>Select Check Out from the GENTRAN:Server Main File menu and click the type of file you want to check out.</p> <ul style="list-style-type: none"> ▶ Generic Synonym List ▶ Thesaurus List <p>System Response GENTRAN:Server displays the Select <filename> Files to Check out dialog box.</p>  <p>Notes An asterisk next to a file name indicates that the file is already checked out. The View Mode button is available only in the client/server version Select Map Files to Check out and Select Application Description Files dialog box.</p>
2	<p>Check the name of the default directory to which the system will copy checked out files. Do you want to check out files to a different directory?</p> <ul style="list-style-type: none"> ▶ If YES, click the directory button and browse to the directory; continue with the next step. ▶ If NO, continue with the next step. <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Step	Action
3	<p>Click Edit Mode.</p> <p>System Response GENTRAN:Server displays the Check-out <filename> File Status dialog box.</p> 
4	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close.

How to Save Changes to Working Files

Introduction

If a Visual Mapper map file is open, you can save changes on the PC:

- ▶ To the open file
- ▶ To the working copy of a map (but not to the original map)

Note

You can also save the map files by using a new file name.

Reference

To replace an original map with a working copy of the map that you have modified, see [How to Check In Compiled Maps](#) in this chapter.

WARNING

If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.

For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.

GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.

Saving changes to an open file

Use this procedure to save changes to an open file.

Procedure

Click **Save** on the **File** menu.

System Response

GENTRAN:Server updates the file.

(Continued on next page)

Saving to a new file name

Use this procedure to save an open working map file to a new file name in the working directory.

CAUTION

You cannot use this procedure to save a working map file to the master directory.

Step	Action
1	Click Save As on the File menu. System Response GENTRAN:Server displays the Save As dialog box.
2	Type the new file name for the copy of the map. Note You cannot save a map file to another directory, but you can save it under a new file name. Reference See How to Check In Compiled Maps in this chapter to replace a master map file with a modified working copy.
3	Click OK . System Response GENTRAN:Server saves a copy of the map under the new name.

How to Unlock Master Files and Delete Working Copies

Introduction

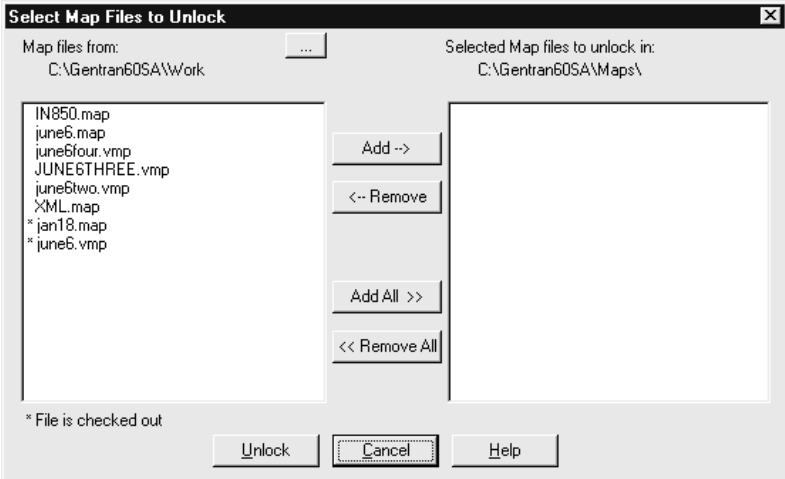
If you do not want to save changes to a file in your working directory, you can use the GENTRAN:Server Unlock function to remove the lock from the master file and delete the working copy of the file. This procedure explains how to use the Unlock function.

CAUTION

When you unlock a master file, you lose all changes you made to the working file. Use this procedure only if you want to delete the working file.


(Continued on next page)

Procedure Use this procedure to unlock a master file and delete a working file.

Step	Action
1	<p>Select Unlock from the File menu and click the type of file you want to unlock:</p> <ul style="list-style-type: none"> ▶ Map ▶ Implementation Guide ▶ Application Description ▶ Generic Synonym List ▶ Thesaurus List <p>System Response GENTRAN:Server displays the Select <filename> Files to Unlock dialog box.</p>  <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to unlock...	THEN...
	a single file	Select the file you want to remove from the list of available files in the left box and click Add . System Response GENTRAN:Server moves the selected file to the selected files to unlock list.
	all the available files	Click Add All . System Response GENTRAN:Server moves all the files to the selected files to unlock list.
	a generic synonym or thesaurus list	Go to Step 3.
3	Click Unlock . System Response GENTRAN:Server displays this dialog box. <div data-bbox="688 1142 1365 1318" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="margin: 0;">Warning ✕</p> <p style="margin: 0;">? You will lose all changes when you unlock files. Do you want to unlock files?</p> <p style="margin: 0; text-align: center;"> <input type="button" value="Yes"/> <input type="button" value="No"/> </p> </div>	

(Continued on next page)

(Contd) Step	Action
4	<p>Do you want to continue?</p> <ul style="list-style-type: none"> ▶ If YES, click Yes. ▶ If NO, click No. <p>System Response If you clicked Yes, GENTRAN:Server displays the Unlock <filename> File Status dialog box.</p> 
5	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close.

How to Copy a Compiled Map to the Host User Directory

Introduction

After you compile a new map to create compiled map, you can copy the translation object to the Host user directory for testing with the translator.

Copying a compiled map to the host user directory

Use this procedure to copy a compiled map to the Host user directory.

Step	Action
1	Open the GENTRAN:Server Main Window.
2	Select Copy .TBL/.TPL file to User Directory... System Response GENTRAN:Server displays a dialog box for you to select the file you want to copy.
3	Select the compiled map (TBL file) and click Open . System Response GENTRAN:Server copies the file to the User Directory on the Host.

How to Check In Compiled Maps

Introduction

This topic explains how to check in maps and the compiled maps (TBL files) associated with them.

What happens when you check in a file in Workstation

When you are satisfied that a working map and compiled map produces the results you expect, you **check in** the working file. When you check in a working file, the system copies the file from the working directory to the master directory, replacing the original file. The working file becomes the new map or compiled map. You can choose to leave a copy of the file in the working directory or remove it.

What happens when you check in a file in UNIX

When you check in a file, GENTRAN:Server transfers a copy of the file from the working directory on your PC to the user directory on the Host. You can choose whether or not to keep or remove the copy of the file that is on your PC.

After the file has been transferred, GENTRAN:Server

- copies the file from the user directory to the master directory
- removes the copy from the user directory
- unlocks the master file so that others can access it.

Maps

The procedure for checking in maps differs from that for checking in other files, because you can check in multiple maps at the same time.

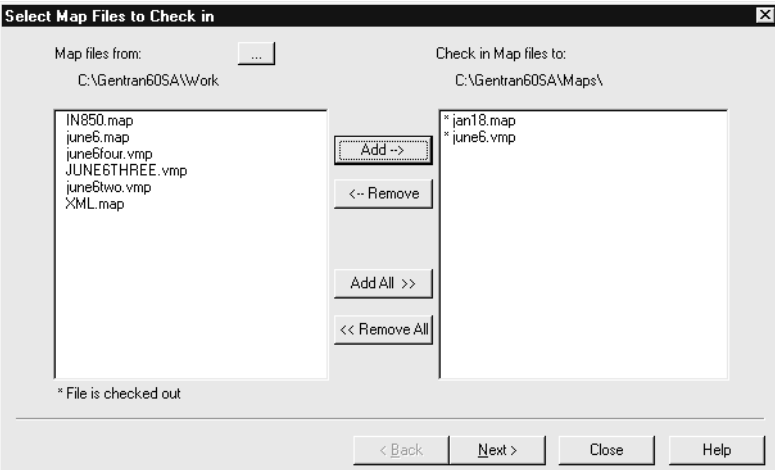
You can check in a compiled working map or an uncompiled working map.

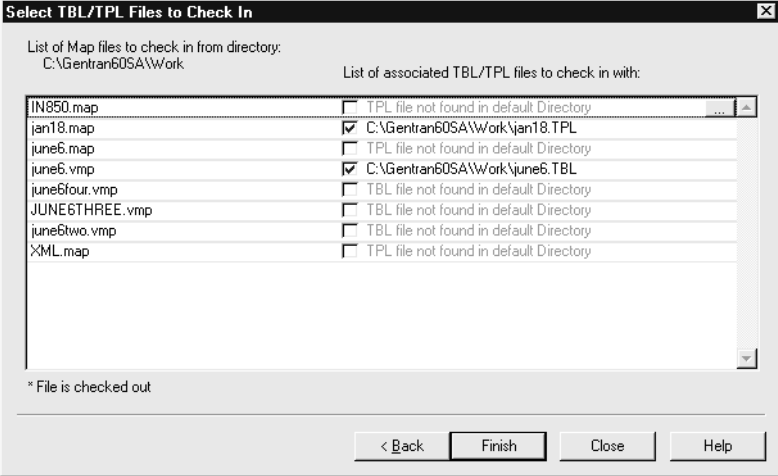
- If you compile a working map before you check it in, the Check In function moves the compiled map to the master directory.
- If you move an uncompiled working map, you must compile it in the master directory; otherwise, the translator will not recognize the changes.

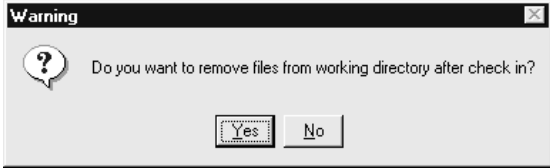
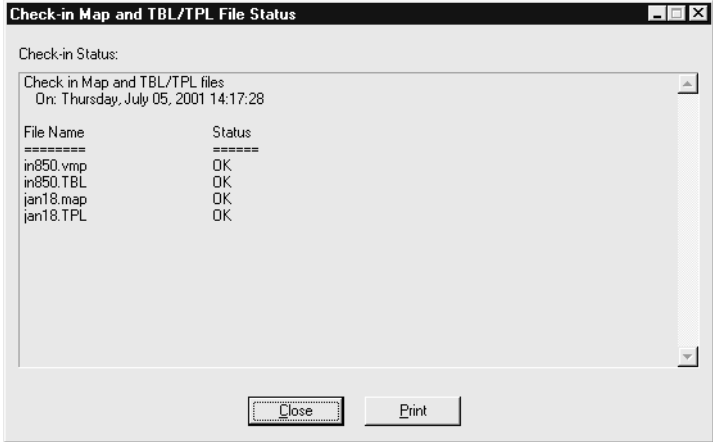
(Continued on next page)

Checking in maps and compiled maps in Workstation

Use this procedure to check in a map and compiled map.

Step	Action
1	<p>Select Check In from the GENTRAN:Server Main File menu and click Map.</p> <p>System Response GENTRAN:Server displays the Select Map Files to Check in dialog box.</p>  <p>WARNING</p> <p>If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.</p> <p>For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.</p> <p>GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.</p> <p style="text-align: right;">(Continued on next page)</p>

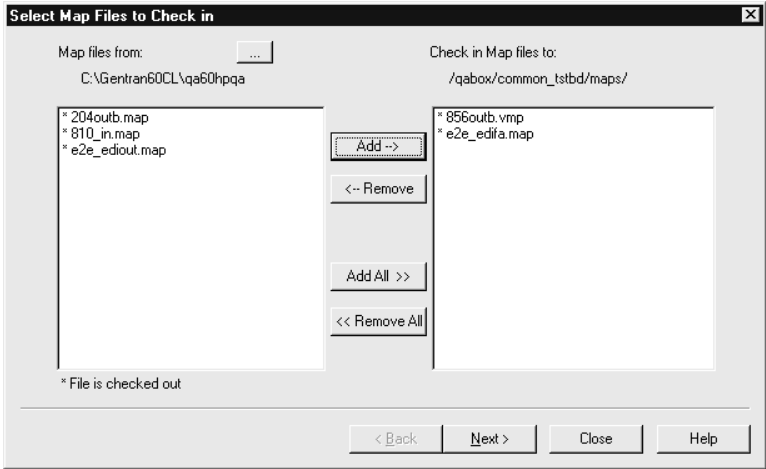
(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to check in...	THEN...
	a single map	Select the map you want to check in from the list in the left pane and click Add . Repeat this step for each additional map you want to check in.
	all the available maps	Click Add All .
3	<p>Click Next.</p> <p>System Response GENTRAN:Server searches for the associated translation object files in the default Table Location directory and displays the results in the Select TBL/TPL Files to Check In dialog box.</p> 	
4	<p>Do you want GENTRAN:Server to search for the translation object in a different directory?</p> <ul style="list-style-type: none"> ▶ If YES, click the browse button next to specify the directory; continue with next step. ▶ If NO, continue with Step 5. <p style="text-align: right; color: red;">(Continued on next page)</p>	

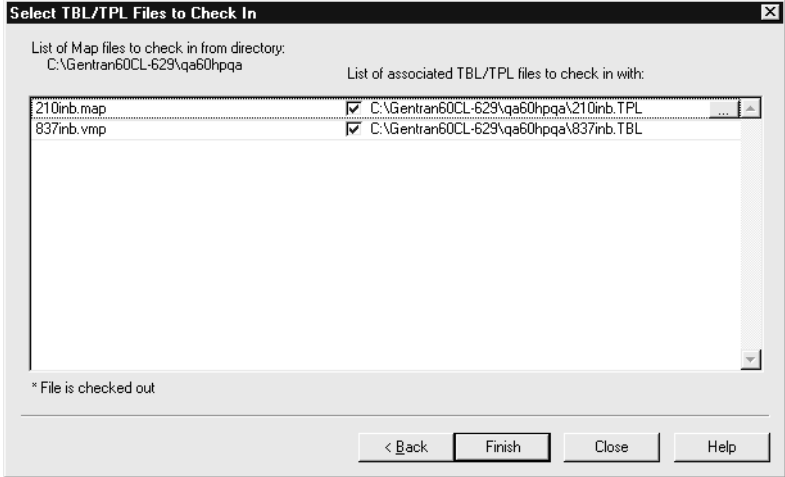
(Contd) Step	Action
5	<p>Do you want to check in the translation object associated with the map you are checking in?</p> <ul style="list-style-type: none"> ▶ If YES, make sure that the check box next to the translation object is checked and then click Finish. ▶ If NO, click the check box to remove the check mark and then click Finish. <p>System Response GENTRAN:Server displays this dialog box.</p> 
6	<p>Do you want to remove the copies of the working files from the working directory after the files are checked in?</p> <ul style="list-style-type: none"> ▶ If YES, click the Yes button. ▶ If NO, click the No button. <p>System Response The system displays the Check-in Map and TBL/TPL File Status dialog box.</p> 
7	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click the Print. ▶ If NO, click Close.

(Continued on next page)

Checking in maps and compiled maps in UNIX

Use this procedure to replace a map in the master directory with a modified working map.

Step	Action
1	<p>Click Check In from the Main File menu and select Map as the type of file to check in.</p> <p>System Response The system displays the Select Map Files to Check In dialog box.</p>  <p>Note The list on the left shows only the maps that are in your working directory.</p> <p>WARNING If you are using both the Application Integration Mapper and the Visual Mapper, you must be careful NOT to overwrite your .vmp map. If the master directory contains a map with the same name as your working map, then you must use a different name for your working map. This prevents the .map file from overwriting the .vmp file.</p> <p>For example, if you are creating a new map in the Application Integration Mapper using the XXX.vmp as a guide, then save the new map using the file name XXY.map or XXXa.map.</p> <p>GENTRAN:Server does not recognize map extensions. When you check in a working map to the master directory, it overwrites any existing map file that has the same file name, regardless of the extension.</p> <p style="text-align: right;">(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to...	THEN...
	Check in a map	Select the map you want to check in from the list and click Add . Repeat this step for each additional map you want to check in.
	Check in all the available maps	Click Add All .
3	<p>Click Next.</p> <p>System Response GENTRAN:Server displays the Select TBL/TPL Files to Check In dialog box.</p> 	
4	<p>Do you want to check in the translation objects (compiled maps) associated with the maps you selected?</p> <ul style="list-style-type: none"> ▶ If YES, make sure that the check box next to the name of the translation object is checked. ▶ If NO, remove the check box from the translation objects that you do not want to check in. <p style="text-align: right; color: red;">(Continued on next page)</p>	

(Contd) Step	Action
5	Click Finish . System Response The system moves the selected files from the working directory on the client to the user directory on the Host. After the files have been transferred successfully, the system moves them from the user directory to the master directory and unlocks the master files.

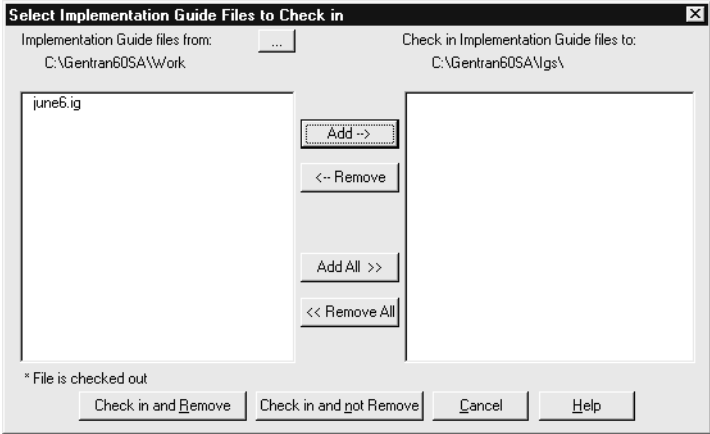
How to Check In IG/Application Description Files

Introduction

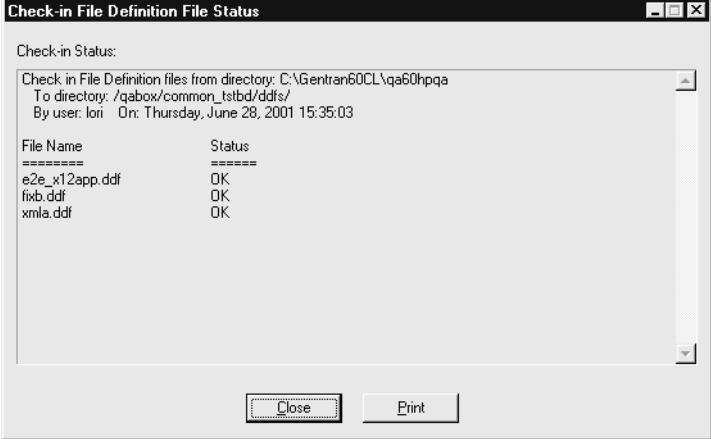
When you are satisfied with an implementation guide or application description file, you **check in** the working file. When you check in a working file, the system copies the file from the working directory to the master directory, replacing the original file. The working file becomes the new implementation guide or application description. You can choose to leave a copy of the file in the working directory or remove it.

Checking in an IG or application description in Workstation and UNIX

Use this procedure to check in an implementation guide or application description file.

Step	Action
1	<p>Select Check In from the GENTRAN:Server Main File menu and click either Implementation Guide or Application Description</p> <p>System Response GENTRAN:Server displays the Select <filename> File to Check in dialog box</p>  <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Step	Action	
2	Use this table to determine your next step.	
	IF you want to check in...	THEN...
	a single implementation guide or application description file	Select the implementation guide or application description file you want to check in from the list in the left pane and click Add . Repeat this step for each additional file you want to check in.
	all the available implementation guide or application description files	Click Add All . (Continued on next page)

(Contd) Step	Action	
3	Use this table to determine your next step.	
	IF you want to...	THEN click...
	Remove the working files from the working directory after they are checked in	Check in and Remove
Leave the working files in the working directory after they are checked in	Check in and not Remove	
<p>System Response GENTRAN:Server displays the Check-in <filename> File Status dialog box.</p> 		
4	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click Print. ▶ If NO, click Close. 	

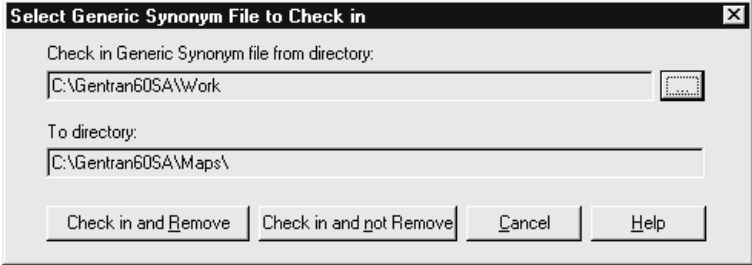
How to Check In Synonym and Thesaurus List Files

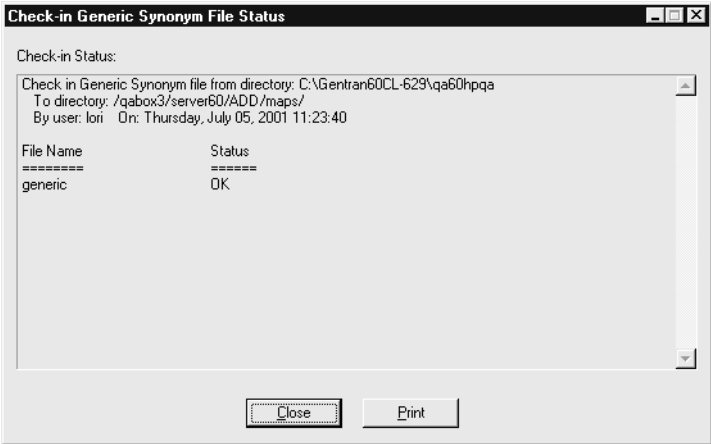
Introduction

When you are satisfied with a synonym or a thesaurus list file, you **check in** the working file. When you check in a working file, the system copies the file from the working directory to the master directory, replacing the original file. The working file becomes the new file definition. You can choose to leave a copy of the file in the working directory or remove it.

checking in a generic synonym list or thesaurus list in Workstation and UNIX

Use this procedure to check in a generic synonym or a thesaurus list file.

Step	Action
1	<p>Select Check In from the GENTRAN:Server Main File menu and click the file you want to check in:</p> <ul style="list-style-type: none"> ▶ Generic Synonym List ▶ Thesaurus List <p>System Response GENTRAN:Server displays the Select <filename> File to Check in dialog box.</p> 
2	<p>Select the generic synonym file or thesaurus file you want to check in.</p> <p style="text-align: right; color: red;">(Continued on next page)</p>

(Contd) Step	Action	
3	Use this table to determine your next step.	
	IF you want to...	THEN click...
	Remove the working files from the working directory after they are checked in	Check in and Remove
	Leave the working files in the working directory after they are checked in	Check in and not Remove
4	<p>System Response</p> <p>GENTRAN:Server displays the Check-in <filename> File Status dialog box.</p> 	
5	<p>Do you want to print the status report?</p> <ul style="list-style-type: none"> ▶ If YES, click Print. ▶ If NO, click Close. 	

Glossary

application	The business software generating the business information that you are sending or receiving electronically.
check in	The act of returning a copy of a file from your working directory to the master directory, making it available to other users.
check out	The act of copying a file from the master directory to your working directory, making the file unavailable to other users.
client	The computer in a client/server network that acts as the interface between the user and the server.
client/server	A computer network architecture in which data is stored and processing is performed on the server, which users access through the interface provided on the client.
default	A value that is automatically assigned.
EDI	Electronic Data Interchange. Application-to-application transfer of key business transaction information in a standard or XML format via a computer-to-computer communication link.
EDI standard	A format to regulate syntax, structure, and content of transaction data.

lock	The act of making a file unavailable to other users. A file is locked once it is checked out.
map	A file that contains the relationships between: <ul style="list-style-type: none">• The segments and elements of a standard EDI document and the data fields in your application,• The elements in an XML document and the data fields in your application, EDI standard document, or in another XML document,• The segments and elements of two different standards, or• The records and fields of two different applications.
master directory	The directory on a PC or on a server that stores your master files.
master file	The version of a file that GENTRAN:Server uses to process data.
server	The computer in a client/server network that performs the major system security, data storage, and computing tasks.
standard format	A format intelligible to computerized data management systems.
temporary file	A file on the client that GENTRAN:Server uses during editing and compiling.
trading partner	The company, division, or group with which you are exchanging business data electronically.
Trading Partnership	An arrangement to exchange information in a specific document type with a specific trading partner and using a particular standard version.

user directory	The directory on the server that temporarily holds the files being transferred from a client's working directory to the master directory on the server.
working file	A file that is stored in the user's working directory on the client while the user has it checked out for editing.
working file directory	The directory created on the client to hold the files that a user is editing.
unlock	The act of making a file available to other users. A file is unlocked once it is checked in.

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