IBM

Program Directory for

Query Management Facility

for VSE/ESA

National Language Features

Version 6
Release 01 Modification 00

Program Number 5648-A70

for use with
VSE/ESA

Document Date: December 1998

GI10-4966-00

┌─ **Note!** ───┐

Before using this information and the product it supports, be sure to read the general information under "Notices" on page v.

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Contents

Figures

Notices

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IBM	International Business Machines
CICS/VSE	Customer Information Control Systems/Virtual Storage Extended
SAA	System Application Architecture
QMF	Query Management Facility Virtual Storage Extended
VSE	Virtual Storage Extended
ESA	Enterprise Systems Architecture
SQL/DS	Structured Query Language/Data System
GDDM	Graphical Data Display Manager
VM/ESA	Virtual Machine/Enterprise Systems Architecture
C/370	C Compiler/370

1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of a **Query Management Facility for VSE/ESA Version 6 National Language Feature** (abbreviated to QMF NLF in this document). You should read all of this program directory before installing the program, and then keep it for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 2 identifies the basic and optional program materials and documentation for QMF NLF.

- 3.0, "Program Support" on page 10 describes the IBM support available for QMF NLF.

- 4.0, "Program and Service Level Information" on page 12 lists the APARs (program level) and PTFs (service level) incorporated into QMF NLF.

- 5.0, "Installation Requirements and Considerations" on page 13 identifies the resources and considerations for installing and using QMF NLF.

- 6.0, "Installation Instructions" on page 15 provides information on installation and activation of QMF NLF.

Before installing QMF NLF, read 3.2, "Preventive Service Planning" on page 10. This section tells you how to find any updates to the information and procedures in this program directory.

Installation requirements and procedures specific installing this licensed program in a VSE environment are described. This product must be installed using Maintain System History Program (MSHP).

1

2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for QMF NLF is 5648-A70.

The program announcement material describes the features supported by QMF NLF. Ask your IBM marketing representative for this information, if you have not already received a copy.

The following sections identify:

- The basic and optional program materials available with this program.

- Publications useful during installation.

  You can find a list of related publications in the *Installing and Managing QMF on VSE/ESA*, GC26-9574.

2.1 Basic Machine-Readable Material

The distribution medium for this program is as follows:

- One 3480 tape cartridge or
- One 4mm tape cartridge or
- One 9 track magnetic tape (written at 6250 BPI) or
- One 1/4" tape cartridge

The tape contains all the programs and data needed for installation. QMF NLF is installed using MSHP. See 6.0, "Installation Instructions" on page 15 for more information about how to install the program. Figure 1 describes the tape. Figure 3 on page 6 describes the file content of the program tape.

If you ordered the QMF NLF with QMF for Windows, you will receive one tape for the QMF NLF on one of the distribution mediums indicated above. In addition you will receive one CD-ROM for QMF for Windows Version 6. The QMF NLF tape contains all the programs and data needed for installation. QMF NLF is installed using MSHP. See section 6.0, "Installation Instructions" on page 15 for more information about how to install QMF NLF. Figure 2 on page 4 describes the tape for the QMF NLF when ordered with QMF for Windows. Figure 3 on page 6 describes the file content of the program tape. The CD-ROM contains all of the programs and data needed for installation. Refer to the README.TXT file in the root directory on the CD-ROM for information about the CD-ROM and installation instructions.

Figure 1 (Page 1 of 3). Basic Material: Program Tape				
Feature Number	**Medium**	**Physical Volume**	**Tape Content**	**External Tape Label**
6649	3480 cart.	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)
6747	4mm cart.	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)

Feature Number	Medium	Physical Volume	Tape Content	External Tape Label
			Figure 1 (Page 2 of 3). Basic Material: Program Tape	
6687	6250 tape	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)
6746	1/4" cart.	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)
6697	3480 cart.	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6698	4mm cart.	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6696	6250 tape	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6611	1/4" cart.	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6710	3480 cart.	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6711	4mm cart.	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6699	6250 tape	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6614	1/4" cart.	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6741	3480 cart.	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6742	4mm cart.	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6743	6250 tape	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6648	1/4" cart.	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6713	3480 cart.	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6714	4mm cart.	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6712	6250 tape	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6617	1/4" cart.	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6737	3480 cart.	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6738	4mm cart.	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6739	6250 tape	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6640	1/4" cart.	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6733	3480 cart.	1	QMF for VSE V6 Uppercase English	QMF for VSE V6 (U)

Feature Number	Medium	Physical Volume	Tape Content	External Tape Label
			Figure 1 (Page 3 of 3). Basic Material: Program Tape	
6734	4mm cart.	1	QMF for VSE V6 Uppercase English	QMF for VSE V6 (U)
6735	6250 tape	1	QMF for VSE V6 Uppercase English	QMF for VSE V6 (U)
6633	1/4" cart.	1	QMF for VSE V6 Uppercase English	QMF for VSE V6 (U)
6761	3480 cart.	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6762	4mm cart.	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6763	6250 tape	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6760	1/4" cart.	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6751	3480 cart.	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6752	4mm cart.	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6753	6250 tape	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6750	1/4" cart.	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6757	3480 cart.	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6758	4mm cart.	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6759	6250 tape	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6756	1/4" cart.	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6719	3480 cart.	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)
6730	4mm cart.	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)
6731	6250 tape	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)
6627	1/4" cart.	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)

Feature Number	Medium	Physical Volume	Tape Content	External Tape Label
			Figure 2 (Page 1 of 3). Basic Material: Program Tape - QMF NLF when ordered with QMF for Windows	
6851	3480 cart.	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)
6852	4mm cart.	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)

Feature Number	Medium	Physical Volume	Tape Content	External Tape Label
			Figure 2 (Page 2 of 3). Basic Material: Program Tape - QMF NLF when ordered with QMF for Windows	
6853	6250 tape	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)
6850	1/4" cart.	1	QMF for VSE V6 Brazilian Portuguese	QMF for VSE V6 (P)
6831	3480 cart.	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6832	4mm cart.	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6833	6250 tape	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6830	1/4" cart.	1	QMF for VSE V6 French	QMF for VSE V6 (F)
6835	3480 cart.	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6836	4mm cart.	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6837	6250 tape	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6834	1/4" cart.	1	QMF for VSE V6 German	QMF for VSE V6 (D)
6839	3480 cart.	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6840	4mm cart.	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6841	6250 tape	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6838	1/4" cart.	1	QMF for VSE V6 Italian	QMF for VSE V6 (I)
6859	3480 cart.	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6860	4mm cart.	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6861	6250 tape	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6858	1/4" cart.	1	QMF for VSE V6 Japanese	QMF for VSE V6 (K)
6843	3480 cart.	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6844	4mm cart.	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6845	6250 tape	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6842	1/4" cart.	1	QMF for VSE V6 Korean	QMF for VSE V6 (H)
6847	3480 cart.	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)

Figure 2 (Page 3 of 3). Basic Material: Program Tape - QMF NLF when ordered with QMF for Windows				
Feature Number	**Medium**	**Physical Volume**	**Tape Content**	**External Tape Label**
6848	4mm cart.	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6870	6250 tape	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6846	1/4" cart.	1	QMF for VSE V6 Simplified Chinese	QMF for VSE V6 (R)
6872	3480 cart.	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6873	4mm cart.	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6874	6250 tape	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6871	1/4" cart.	1	QMF for VSE V6 Spanish	QMF for VSE V6 (S)
6863	3480 cart.	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6864	4mm cart.	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6865	6250 tape	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6862	1/4" cart.	1	QMF for VSE V6 Swiss French	QMF for VSE V6 (Y)
6867	3480 cart.	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)
6868	4mm cart.	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)
6869	6250 tape	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)
6866	1/4" cart.	1	QMF for VSE V6 Swiss German	QMF for VSE V6 (Z)

Figure 3. Stand Alone Tapes: File Content		
VOLSER	**File**	**Name**
N/A	1	HEADER FILE
N/A	2	QMF/VSE* History File
N/A	3	QMF/VSE Product Library
N/A	4	Null File (Tape Mark)
N/A	5	EOB (End of Backup Information)
N/A	6	Null File (Tape Mark)

2.2 Program Publications

The following sections identify the basic publications for QMF NLF.

2.2.1 Basic Program Publications

Figure 4 identifies the basic program publications for QMF NLF. One copy of each of these publications is included when you order the basic materials for QMF NLF. For additional copies, contact your IBM representative.

If a country provides a translated publication, the customer will receive the translated publication instead. Refer to Figure 5 for a list of the countries that provide translated publications and the form number for each translated publication.

Figure 4. Basic Material: Unlicensed Publications - QMF NLF	
Publication Title	**Form Number**
Installing and Managing QMF on VSE/ESA	GC26-9574
Introducing QMF	GC26-9576
QMF Reference	SC26-9577
Using QMF	SC26-9578
Developing QMF Applications	SC26-9579
QMF Messages and Codes	GC26-9580

Figure 5 (Page 1 of 2). Translated Program Publications - QMF NLF		
National Language	**Publication Title**	**Form Number**
Brazilian Portuguese	Introducing QMF	G517-6779
Brazilian Portuguese	QMF Reference	S517-6780
Brazilian Portuguese	Using QMF	S517-6781
French	Introducing QMF	GC11-1529
French	QMF Reference	SC11-1531
French	Using QMF	SC11-1532
German	Introducing QMF	GC12-2669
German	QMF Reference	SC12-2670
German	Using QMF	SC12-2671
Italian	Introducing QMF	GC13-2834
Italian	QMF Reference	SC13-2831

Figure 5 (Page 2 of 2). Translated Program Publications - QMF NLF		
National Language	**Publication Title**	**Form Number**
Italian	Using QMF	SC13-2832
Japanese	Introducing QMF	GD88-7235
Japanese	QMF Reference	SD88-7236
Japanese	Using QMF	SD88-7237
Japanese	Developing QMF Applications	SD88-7238
Japanese	QMF Messages and Codes	GD88-7239
Korean	Introducing QMF	GA30-0658
Korean	QMF Reference	SA30-0659
Korean	Using QMF	SA30-0662
Korean	Developing QMF Applications	SA30-0660
Korean	QMF Messages and Codes	GA30-0661
Simplified Chinese	Introducing QMF	GC84-0762
Spanish	Introducing QMF	GC10-3381
Spanish	QMF Reference	SC10-3382
Spanish	Using QMF	SC10-3383

If you ordered QMF NLF with QMF for Windows, you also receive one copy of each of the following publications listed in Figure 6 for QMF for Windows. For additional copies, contact your IBM representative.

If a country provides a translated publication, the customer will receive the translated publication instead. Refer to Figure 7 for a list of the countries that provide translated publications and the form number for each translated publication.

Figure 6. Basic Material: Unlicensed Publications - QMF for Windows	
Publication Title	**Form Number**
Getting Started with QMF for Windows	SC26-9582
Installing and Managing QMF for Windows	GC26-9583

Figure 7 (Page 1 of 2). Translated Program Publications - QMF for Windows		
National Language	**Publication Title**	**Form Number**
Brazilian Portuguese	Getting Started with QMF for Windows	S517-6785
Brazilian Portuguese	Installing and Managing QMF for Windows	G517-6783

Figure 7 (Page 2 of 2). Translated Program Publications - QMF for Windows		
National Language	**Publication Title**	**Form Number**
French	Getting Started with QMF for Windows	SC11-1533
French	Installing and Managing QMF for Windows	GC11-1530
German	Getting Started with QMF for Windows	SC12-2672
Italian	Getting Started with QMF for Windows	SC13-2833
Japanese	Getting Started with QMF for Windows	GD88-7240
Japanese	Installing and Managing QMF for Windows	GD88-7241
Korean	Getting Started with QMF for Windows	SA30-0663
Simplified Chinese	Getting Started with QMF for Windows	SC84-0763
Spanish	Getting Started with QMF for Windows	SC10-3384

2.2.2 Optional Program Publications

There are no optional program publications for QMF NLF.

2.3 Microfiche Support

There is no microfiche for QMF NLF.

2.4 Publications Useful During Installation

Refer to *Installing and Managing QMF on VSE/ESA* for a list of related Publications.

For QMF for Windows, refer to the README.TXT file in the root directory on the CD-ROM for information about the CD-ROM and installation instructions. Refer to the *Installing and Managing QMF for Windows* manual for information about prerequisite software, information on configuring your network environment, and documentaion related to the installation and execution of QMF for Windows.

3.0 Program Support

This section describes the IBM support available for QMF NLF.

3.1 Service Instructions

Contact your IBM marketing representative or systems engineer (SE) for specific information about available service instructions.

3.2 Preventive Service Planning

Before installing QMF NLF, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see whether there is additional preventive service planning (PSP) information that you should know. To obtain this information, specify the following UPGRADE and SUBSET values:

Figure 8. PSP UPGRADE and SUBSET ID			
UPGRADE	**SUBSET**	**RETAIN Release**	**National Language**
DB2VSEVM610	QMFVSE	1K3	Brazilian Portuguese
DB2VSEVM610	QMFVSE	1JY	French
DB2VSEVM610	QMFVSE	1JZ	German
DB2VSEVM610	QMFVSE	1K0	Italian
DB2VSEVM610	QMFVSE	1K1	Japanese
DB2VSEVM610	QMFVSE	1K2	Korean
DB2VSEVM610	QMFVSE	1JU	Uppercase English
DB2VSEVM610	QMFVSE	1JW	Simplified Chinese
DB2VSEVM610	QMFVSE	1K4	Spanish
DB2VSEVM610	QMFVSE	1K6	Swiss French
DB2VSEVM610	QMFVSE	1K7	Swiss German

3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the support center will provide the address which any needed documentation can be sent.

Figure 9 identifies the component IDs (COMP IDs) for QMF NLF for Version 6.

COMP ID	Component Name	CLC	Product Code	Product ID	National Language
566872101	QMF/VSE BRAZIL PORT	1K3	A70	A701K3	Brazilian Portuguese
566872101	QMF/VSE FRENCH	1JY	A70	A701JY	French
566872101	QMF/VSE GERMAN	1JZ	A70	A701JZ	German
566872101	QMF/VSE ITALIAN	1K0	A70	A701K0	Italian
566872101	QMF/VSE JAPANESE	1K1	A70	A701K1	Japanese
566872101	QMF/VSE KOREAN	1K2	A70	A701K2	Korean
566872101	QMF/VSE U/C ENGLISH	1JU	A70	A701JU	Uppercase English
566872101	QMF/VSE SIMP CHINESE	1JW	A70	A701JW	French
566872101	QMF/VSE SPANISH	1K4	A70	A701K4	Spanish
566872101	QMF/VSE SWISS FRENCH	1K6	A70	A701K6	Swiss French
566872101	QMF/VSE SWISS GERMAN	1K7	A70	A701K7	Swiss German

Figure 9. Component IDs

4.0 Program and Service Level Information

This section identifies the program and service levels of QMF NLF V6. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

4.1 Program Level Information

This new version of QMF NLF has incorporated all closed APARS from previous versions/releases at the time of this product GA.

4.2 Service Level Information

Check the DB2VSEVM610 PSP bucket for any additional PTFs that should be installed or any additional install information.

4.3 Cumulative Service Tape

There is no cumulative service tape for QMF NLF.

5.0 Installation Requirements and Considerations

5.1 System Requirements

This section describes the environment of the target system required to install and use QMF NLF.

5.1.1 Operating System Requirements

A QMF NLF requires the same operating system that the QMF for VSE V6 base product was installed on. For Version 6, you can install QMF on any processor supported by VSE/ESA 2.2 or higher.

5.1.2 Hardware Requirements

The QMF NLF panels and messages contain National Language characters. Use of the feature requires terminals using the national language codepage, national language keyboards and appropriate machine logic.

One tape drive supported by VSE/ESA is required for installation.

5.2 Prerequisite Programs

You must install the QMF for VSE V6 base product prior to installing a QMF NLF. All product requisities of QMF for VSE V6 base are also product requisites of QMF NLF. For details, see the list of base product requisites in the QMF for VSE V6 base product program directory.

5.2.1 DASD Storage Requirements

Follow the instructions in *Installing and Managing QMF on VSE/ESA*, GC26-9574.

5.2.2 Machine Requirements

VMESA* or ESA mode supervisor capabilities are required to run QMF NLF.

5.2.3 System Considerations

The following installation requirements must be observed:

- The VSE system must be equipped with a tape drive for the type of distribution tape ordered.
- Refer to *Installing and Managing QMF on VSE/ESA, GC26-9574*, for detailed information about capacity planning of real and virtual storage needed.

5.2.4 Special Considerations

The following PTFs and their pre-reqs are required for installation:

No PTFs are required at this time.

6.0 Installation Instructions

Installing and Managing QMF on VSE/ESA, GC26-9574 contains the step-by-step procedures to activate the functions of QMF NLF.

6.1 Installing QMF NLF

To install the QMF NLF feature into an IBM VSE/ESA System, follow the instructions in *Installing and Managing QMF on VSE/ESA*, GC26-9574.

6.2 Activating QMF NLF

Detailed steps to get the program into operational status are defined in *Installing and Managing QMF on VSE/ESA*, GC26-9574.

Reader's Comments

Query Management Facility National Language Feature

You may use this form to comment about this document, its organization, or subject matter with the understanding that IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

For each of the topics below please indicate your satisfaction level by circling your choice from the rating scale. If a statement does not apply, please circle N.

```
┌─ RATING SCALE ──────────────────────────────────────────────────
   very                            very        not
 satisfied  <====================>  dissatisfied  applicable
    1       2        3       4        5            N
└─────────────────────────────────────────────────────────────────
```

	Satisfaction					
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
Technical level of the installation tasks	1	2	3	4	5	N
Ease of getting the system into production after installation	1	2	3	4	5	N

What order media was this product received?

___   Independent
___   Other

Is this the first time your organization has installed this product?

___   Yes
___   No

Were the people who did the installation experienced with the installation of these products?

___   Yes
___   No

If yes, how many years? __

If you have any comments to make about your ratings above, or any other aspect of the product installation, please list them below:

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_____

Please provide the following contact information:

_____

Name and Job Title

_____

Organization

_____

_____

Address

_____

Telephone

Thank you for your participation.

Please send the completed form to (or give to your IBM representative who will forward it to the Query Management Facility National Language Feature Development group):

IBM Corporation
P.O. Box 49023
San Jose, California 95161-9023
Attention: Query Management Facility Development, J49

IBM

Program Number: 5648-A70

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