

IBM Cognos Express
Version 10.1.0

New Features

IBM

Note

Before using this information and the product it supports, read the information in "Notices" on page 5.

Product Information

This document applies to IBM Cognos Express Version 10.1.0 and may also apply to subsequent releases. To check for newer versions of this document, visit the IBM Cognos Information Centers (<http://publib.boulder.ibm.com/infocenter/cogic/v1r0m0/index.jsp>).

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Introduction

This document provides an organized view of the new features of IBM® Cognos® Express®. For more information about new and changed features, see the applicable product's user guide.

Audience

This guide is for information technology administrators, data modelers, and report authors. To use this guide effectively, you should be familiar with one or more of the following items, depending on your role in your organization.

- The existing server environment and security infrastructure in your organization
- Your company's business requirements
- Database and data warehouse concepts
- Security concepts

Finding information

To find IBM Cognos product documentation on the web, including all translated documentation, access one of the IBM Cognos Information Centers (<http://publib.boulder.ibm.com/infocenter/cogic/v1r0m0/index.jsp>). Release Notes are published directly to Information Centers, and include links to the latest technotes and APARs.

You can also read PDF versions of the product release notes and installation guides directly from IBM Cognos product disks.

Accessibility features

This product does not currently support accessibility features that help users with a physical disability, such as restricted mobility or limited vision, to use this product.

Forward-looking statements

This documentation describes the current functionality of the product. References to items that are not currently available may be included. No implication of any future availability should be inferred. Any such references are not a commitment, promise, or legal obligation to deliver any material, code, or functionality. The development, release, and timing of features or functionality remain at the sole discretion of IBM.

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New Features in Cognos Express

IBM Cognos Express 10.1.0 provides you with several new features.

This guide describes the new and changed functionality in the current release. It is divided into general new features that affect more than one component and new features that affect specific components.

General new features

The following new features enhance more than one component in IBM Cognos Express.

Cognos Insight

IBM Cognos Insight is available as part of IBM Cognos Express Planner and IBM Cognos Express Advisor.

Cognos Insight allows you to analyze data, explore scenarios, and influence decisions by creating managed workspaces. Use these workspaces to communicate results to line-of-business managers as interactive managed workspaces. Because Cognos Insight supports write-back, you can also use these workspaces to gather and consolidate management targets, commitments, and forecasts.

Cognos Business Insight

IBM Cognos Business Insight is now available within IBM Cognos Express for creating workspaces.

Cognos Business Insight is a web-based tool that allows you to use IBM Cognos content and external data sources to build sophisticated, interactive workspaces that provide insight and facilitate collaborative decision making. For more information about Cognos Business Insight, see the *IBM Cognos Express Business Insight User Guide*.

Cognos Mobile

IBM Cognos Mobile extends IBM Cognos Express to mobile devices.

With its rich client, Cognos Mobile enables users to view Cognos Express reports, dashboards, and analyses produced by tools such as IBM Cognos Report Studio and IBM Cognos Business Insight on their mobile devices. Cognos Mobile delivers timely, informative, and interactive information to support mobile users in their decision-making processes, regardless of where they are located. Cognos Mobile processes each Cognos Express report that it receives and renders it in a mobile-friendly version. Cognos Mobile uses the Cognos Express prompts functionality and scheduling mechanisms to deliver customized reports in a timely fashion.

Cognos Analytic Server Operations Console

IBM Cognos Express now includes the IBM Cognos Analytic Server (ICAS) Operations Console.

The ICAS Operations Console is a component that ICAS administrators can use to generate logs, monitor multiple server activity, and manage ICAS instances.

The ICAS Operations Console provides the basic server monitoring functionality provided by the TM1Top utility with some important additions:

- The ICAS Operations Console can monitor multiple ICAS instances at the same time.
- The health feature allows for instant feedback on the current state of servers.
- Filtering helps highlight specific states for multiple servers.
- Sorting allows administrators to quickly identify which servers are in specific states.
- The ICAS Operations Console can use Scheduled Logging to monitor activity offline.

You can organize the displays offered by the ICAS Operations Console using the Tile options from the toolbar and customize the reporting using many different attributes and server states. You can also easily identify and terminate processes using the ICAS Operations Console. The ICAS Operations Console is installed as part of the standard installation and is run from a web browser.

Support for new data sources

IBM Cognos Express supports several new data sources.

The following new data sources are now supported in IBM Cognos Express:

- Informix® IDS 11.7
- Microsoft SQL Server 2008 R2
- Oracle 11g R2
- Sybase Adaptive Server Enterprise 15.0.3
- Sybase Adaptive Server Enterprise 15.5
- IBM Cognos TM1® 10.1

For more information on supported environments, see the Software Environments information (<http://www.ibm.com/support/docview.wss?uid=swg27014782>).

Dynamic query mode

IBM Cognos Express now provides an enhanced Java-based query execution mode called dynamic query mode.

The dynamic query mode is recommended for new applications of Cognos Express. The dynamic query mode offers query and data source optimizations to address increasing query complexity, large data volumes, and timeliness expectations with improved query execution techniques. It also provides advanced query capabilities such as in-memory caching, that provide benefits for query planning, execution, and results while maintaining users' security permissions.

Extended 64-bit support

IBM Cognos Express now runs Java in 64-bit mode.

This extended support allows Cognos Express components such as Content Manager and the Dynamic Query engine to take advantage of additional server memory.

New samples

Some new samples will be provided in relation to the new capabilities that are being integrated from IBM Cognos Business Intelligence, IBM Cognos TM1, and IBM Cognos Insight.

IBM Cognos Express Reporter now includes active report samples. Active reports are an extension of the traditional IBM Cognos report that include interactive behavior, providing end users with an easy-to-consume interface.

Cognos Express now includes the GO Contributor and GO Stores samples, which help demonstrate planning capabilities. These new samples, as well as the other samples included with Cognos Express, are now available in 20 languages.

Cognos Insight also includes samples in 20 languages.

To install the samples, see *Managing IBM Cognos Express*. Please note that you must install all Cognos Express products to use the samples.

New languages supported

IBM Cognos Express supports seven new languages.

IBM Cognos Express Manager and IBM Cognos Express Advisor are now available in the following languages:

- Croatian
- Czech
- Hungarian
- Polish
- Russian
- Romanian
- Turkish

Cognos Express Planner new features

In IBM Cognos Express Planner, the following new features are available.

Cognos Express Performance Modeler

IBM Cognos Express Planner Administrator is now integrated into IBM Cognos Express Performance Modeler. Cognos Express Planner Administrator is no longer a separate component.

Applications are based on models that contain dimensions, cubes, and links. You can also administer those applications, assign security, and establish a workflow using Cognos Express Performance Modeler.

Create a model containing dimension, cube, and link objects. This model contains the objects required to create your applications. You can create rules and feeder scripts from the logic in the formulas and links. Rules determine the format and presentation of data and can also manipulate it. In addition to using rules that are generated, you can also manually create rules. Load data into applications by importing data and creating TurboIntegrator processes.

Create applications based on the objects contained in your model for use in Cognos Express Planner Applications. Create cubes based on the dimensions that

exist in the model. Use links to make connections between the cubes. Include views in an application to define the way it is presented to an end user. Set up a workflow to determine how contributors will interact with the application. Define the default presentation of the application, including layout and languages to be used. Set up group-based security to define the actions that group members can take within an application.

As an administrator, you can modify an existing application. For example, you can update model objects, add and remove users, and change access settings. You can also manage the updating of runtime cubes, including importing data and metadata. Deploy an application before you set up an approval hierarchy.

For more information about Cognos Express Performance Modeler, see the *IBM Cognos TM1 Performance Modeler User Guide*.

Cognos Express Reporter new features

In IBM Cognos Express Reporter, the following new features are available.

Cognos Business Insight Advanced

IBM Cognos Business Insight Advanced is now available within IBM Cognos Express for advanced reporting.

Cognos Business Insight Advanced is a web-based tool used to author reports and analyze data. The user interface allows business users to gain insight into their business. Business Insight Advanced allows you to create reports with relational or dimensional data sources, and show data in lists, crosstabs, and charts. You can also use your own external data source. For more information about Cognos Business Insight Advanced, see the *IBM Cognos Express Reporter Business Insight Advanced User Guide*.

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