The following tutorials have been developed to help you get started using the Business Intelligence Suite products. New content is added as it becomes available, so check back on a regular basis.

The video versions of these tutorials on YouTube include optional text captions that can be translated into a number of languages. Watch here to learn how.

## BI Platform

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### BI 4.2 SP4 What’s New videos

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- Organizing Content in the Fiorified BI Launch Pad [video]
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### BI 4.2 SP3 What’s New videos

- CMS database driver: analyzing the CMS database to optimize performance [video]
- RESTful Web Services Overview [video]
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- Configuration of SAP HANA Database [video]
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**BI 4.2 What’s New videos**

- BI Administrators’ Cockpit [video]
- Notification Alert_Admin Workflow [video]
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- Recycle Bin [video]
- Phase Wise Installation for full install [video]
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- REST API Publication_Adding Enterprise Users to Publication [video]
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- REST API Publication_Configuring BI Inbox Destination [video]
- REST API Publication_Configuring Output Format [video]
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- REST API Publication_Getting Logon Token [video]
- REST API Publication_Listing Page by Page [video]
- REST API Publication_Listing Publication [video]
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**Information Design Tool**

**Key Concepts**

- **NEW for 4.2 SP5** What's New in information design tool for SAP BusinessObjects BI platform 4.2 SP5 (5:13) [video]
- What's New in information design tool for SAP BusinessObjects BI platform 4.2 SP4 (1:31) [video]
- What's New in information design tool for SAP BusinessObjects BI platform 4.2 SP3 [video]
- What's new in SAP BusinessObjects Information Design Tool 4.1 (5:50) interactive / video
- What's new in SAP BusinessObjects information design tool 4.0 Feature Pack 3 (5:14) interactive / video
- Concept: Navigate the interface (6:50) interactive / video
- Concept: Create a universe (2:27) interactive / video
- Concept: Create a multisource-enabled universe (3:23) interactive / video
- Concept: Create joins (4:08) interactive / video
Concept: Compare the information design tool to the universe design tool

### Getting Started

- **Create a universe using the Universe Wizard (2:17)**  
  [interactive] [video]
- **Use a cheat sheet to create a universe (4:57)**  
  [interactive] [video]
- **Create a project (0:56)**  
  [interactive] [video]
- **Create a connection to a relational database (2:02)**  
  [interactive] [video]
- **Create a data foundation based on a single source relational database (2:35)**  
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- **Create a business layer based on a single relational data source (1:33)**  
  [interactive] [video]
- **Publish a new universe file based on a single data source (2:33)**  
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- **Retrieve a universe from a repository location (1:49)**  
  [interactive] [video]
- **Open a local project (1:29)**  
  [interactive] [video]
- **Delete a local project (1:58)**  
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- **Convert a repository universe from a UNV to a UNX (4:04)**  
  [interactive] [video]
- **Convert a local universe from a UNV to a UNX (3:01)**  
  [interactive] [video]

### Connecting to Data Sources

- **Create a connection shortcut (1:58)**  
  [interactive] [video]
- **View and filter data source values in the connection editor (2:00)**  
  [interactive] [video]
- **Create a connection to an OLAP data source (1:30)**  
  [interactive] [video]
- **Create an OLAP connection to SAP BW using BICS (2:32)**  
  [interactive] [video]
- **Create a relational connection to an SAP NetWeaver BW InfoProvider (2:07)**  
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- **Create a relational connection to SQL Server using OLEDB providers (2:13)**  
  [interactive] [video]
- **Create a relational connection to an Excel spreadsheet or text file using ODBC drivers (2:38)**  
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- **Create a relational connection to an SAP ERP data source (1:45)**  
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- **Create an OLAP connection to an Oracle Essbase data source (1:39)**  
  [interactive] [video]
- **Create a connection to an OData data source (1:32)**  
  [interactive] [video]
- **Create an OLAP connection to an SAP HANA view (1:11)**  
  [interactive] [video]

### Building the Structure of a Universe

- **Arrange tables in a data foundation (1:52)**  
  [interactive] [video]
- **View table values in a data foundation (1:11)**  
  [interactive] [video]
- **View values from multiple tables in a data foundation (1:31)**  
  [interactive] [video]
- **Filter table values in a data foundation (2:02)**  
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- **Filter values from multiple tables in a data foundation (2:49)**  
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- **Apply a wildcard to filter table values in a data foundation (2:14)**  
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- **Apply a wildcard to filter values from multiple tables in a data foundation (2:22)**  
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- **Sort and re-order table columns in a data foundation (1:14)**  
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- **Edit table values in a data foundation (2:06)**  
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**Working with Sets**

**NEW for 4.2 SP5** What's New in Sets: SAP BusinessObjects Information Design Tool 4.2 SP5 (4:03) video

What’s New in Sets: SAP BusinessObjects Information Design Tool 4.2 SP4 (2:46) video

Sets: How to create and retrieve a set container video 1

Sets: How to create a static set video 2

Sets: How to create a temporal set video 3

**Creating the Business Layer of a Universe**

BEx queries: How to create a BEx query business layer video

Create business layer folders (1:49) interactive / video

Create business layer subfolders (1:58) interactive / video

Create a business layer folder and objects automatically from a table (1:47) interactive / video

Create a business layer subfolder and objects automatically from a table (1:53) interactive / video

Create dimension objects automatically from a table (2:08) interactive / video

Create a dimension (1:42) interactive / video

Create an attribute (1:30) interactive / video

Create a measure (2:27) interactive / video

Hide folders and objects in a business layer (1:34) interactive / video

Organize folders and subfolders in a business layer (2:18) interactive / video

View table and object dependencies (1:33) interactive / video

Create a custom navigation path (2:39) interactive / video

Create a dimensional business layer from an OLAP data source (1:44) interactive / video

Copy and paste folders and objects in a business layer (1:49) interactive / video
### Filtering Data in Objects

- Create a pre-defined native filter (2:09) interactive / video
- Create a pre-defined business filter (2:05) interactive / video
- Create a pre-defined native filter using multiple objects (2:46) interactive / video
- Create a pre-defined business filter using multiple objects (2:52) interactive / video

### Working with Derived Tables

- Create a derived table based on an existing table in a data foundation (3:09) interactive / video
- Create a derived table using the SQL Builder (3:03) interactive / video
- Merge tables in a data foundation (1:48) interactive / video

### Visualizing Data in a Universe

- Run a business layer query (2:06) interactive / video
- Edit a business layer query (3:14) interactive / video
- Run a business layer query with pre-defined filters (3:23) interactive / video
- Profile column values in a chart (1:53) interactive / video

### Connecting to SAP HANA

- Create a relational connection to SAP HANA (2:54) interactive / video
- Create a data foundation based on an SAP HANA view (3:45) interactive / video
- Create a business layer for a data foundation based on an SAP HANA view (6:45) interactive / video
- Create a data foundation based on SAP HANA tables (5:33) interactive / video
- Create a business layer for a data foundation based on SAP HANA tables (4:43) interactive / video
- Modify parameters to optimize an SAP HANA universe (2:57) interactive / video
- Create a relational connection to SAP HANA in the repository (3:22) interactive / video
- Create a relational connection to SAP HANA (2:34) interactive / video
- Create a data foundation based on an SAP HANA view (3:28) interactive / video
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- Modify parameters to optimize an SAP HANA universe (2:33) interactive / video
- Create a relational connection to SAP HANA in the repository (3:09) interactive / video

### Building a Multi-Source Universe

- Create a data foundation based on multiple MS Access connections (3:55) interactive / video
- Create a data foundation based on multiple RDBMS connections (4:06) interactive / video
- Add a connection to an existing multisource-enabled data foundation (2:32) interactive / video
- Create calculated columns in a multisource-enabled data foundation (5:08) interactive / video
- View values from multiple tables in a multisource data foundation (1:56) interactive / video
| **Create a business layer based on a multisource MS Access data foundation (2:02) interactive / video** |
| **Create a business layer based on a multisource RDBMS data foundation (2:06) interactive / video** |
| **Run a query using objects from a multisource business layer (2:17) interactive / video** |

**Working with Parameters and Lists of Values**

| **How to create custom values (2.24) video** |
| **Create a list of values based on query results of business objects (2:18) interactive / video** |
| **Create a list of values based on a hierarchy of business layer objects (2:12) interactive / video** |
| **Create a static list of values (2:05) interactive / video** |
| **Create a list of values based on a SQL expression (2:36) interactive / video** |
| **Create an index-aware prompt (2:00) interactive / video** |
| **Assign a list of values to a business layer object (1:25) interactive / video** |
| **Create a parameter (2:01) interactive / video** |
| **Assign a parameter to a business layer object (1:57) Interactive / video** |
| **Test a parameter in a query (1:58) interactive / video** |

**Resolving Loops in a Universe**

| **Resolve a loop by automatically inserting an alias table in a data foundation (4:18) interactive / video** |
| **Resolve a loop by manually inserting an alias table in a data foundation (4:22) interactive / video** |
| **Resolve a loop by automatically inserting contexts in a data foundation (3:38) interactive / video** |
| **Resolve a loop by manually inserting contexts in a data foundation (5:04) interactive / video** |

**Applying Index Awareness**

| **Set up primary key index awareness (2:59) interactive / video** |
| **Set up foreign key index awareness (3:31) interactive / video** |
| **Apply a WHERE clause restriction to a primary key index (3:09) interactive / video** |
| **Apply a WHERE clause restriction to a foreign key index (3:50) interactive / video** |
| **Set up multiple foreign key index awareness (3:50) interactive / video** |

**Setting up Aggregate Awareness**

| **Insert aggregate tables into a data foundation (2:37) interactive / video** |
| **Define aggregate aware objects in a business layer (5:51) interactive / video** |
| **Set aggregation navigation in a business layer (2:38) interactive / video** |

**Securing Universes**

<p>| <strong>Create a data security profile for connection and query options (5:33) interactive / video</strong> |
| <strong>Create a data security profile that restricts access to specific rows (3:36) interactive / video</strong> |
| <strong>Create a data security profile that defines replacement tables (3:54) interactive / video</strong> |
| <strong>Create a data security profile based on a custom user attribute (7:28) interactive / video</strong> |
| <strong>Create a business security profile for query data (4:05) interactive / video</strong> |</p>
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To view the full IDT 4.0 playlist on Youtube, click [here](#).

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**Central Management Console**

- Create OLAP Connections to BW [tutorial](#)
- Set a schedule for a program object [process flow](#)
- Run a schedule for a program object [process flow](#)

**Live Office**

- Insert a Web Intelligence part [process flow](#)
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- Insert a Crystal Report part [process flow](#)
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**Analysis, edition for OLAP**
### Dashboards
- View an Analysis, edition for OLAP workspace [process flow](#)
- **View a dashboard when the query result is in the cache** [process flow](#)
- **View a dashboard when the query result is not in the cache** [process flow](#)
- Design a new dashboard based on a universe [process flow](#)
- Preview a new dashboard based on a universe [process flow](#)
- Save a new dashboard to the platform [process flow](#)

### Upgrade Management Tool
- Upgrade content directly from an older version of the platform [process flow](#)
- Perform a complete upgrade [tutorial](#)
- Perform an incremental upgrade [tutorial](#)

### Lifecycle Management
- Create a promotion job to promote content from a live source system to a live destination system [process flow](#)

### Promotion Management Wizard
- **NEW for 4.2 SP5** How to export objects: full content scenario [video](#)
- **NEW for 4.2 SP5** How to export objects: selective content scenario [video](#)

### Other Links
- To view eLearning for the rest of the Business Intelligence Suite, go to [sap.com/LearnBI](http://sap.com/LearnBI).
- To submit and vote on ideas for enhancements to this product, click [here](#).