





**Generate database and BI  
documentation quickly and efficiently.**

## **KEY FEATURES**

- Document your database, SSAS cubes, and SSIS packages
- Generate documents from point in time snapshots
- Customize your documentation output
- Schedule snapshots and documentation from the command line
- 64-bit support for documenting enterprise scale database installations

DOC xPress produces complete documentation for SQL Server instances as well as enabling documentation for SQL Server Analysis Services (SSAS) and SQL Server Integration Services (SSIS). Snapshots of the environment can be captured with a few clicks, making it easy to encapsulate what an environment looks like before making changes. Documentation can be produced from any daily snapshot, allowing users to see what the environment looked like in the past. The snapshot and the documentation processes can be scheduled using the command line, allowing integration with popular scheduling utilities. The documentation can be produced in HTML, HTML with frame navigation, RTF, or Word (docx) formats. The contents of the documentation can be customized, both for what is included in the output, as well as the templates to use for each type of object. Speed up your documentation efforts with DOC xPress!

NEW!

## Oracle Database Documentation



With the Oracle provider, users of DOC xPress and BI Compare can now snapshot, document, validate, and compare Oracle instance metadata. This feature allows Oracle instance metadata to become part of a DOC xPress solution, be compared with BI Compare, or be validated with the Best Practices Analyzer.

NEW!

## Role-Based Output



Users can customize the output generated by Doc xPress to create documents with more or less detail for different audiences. Developers can have technically detailed documentation while business analysts can have less a detailed document, tailored to their needs.

NEW!

## Import External Sources



DOC xPress operates a provider architecture whereby sources (such as SQL Server) are read by 'providers'. This feature enables sources to be incorporated into DOC xPress where no provider exists. Users will be able to provide a specially formatted set of flat files which can provide enough information about their source to be included in the DOC xPress metabase.

NEW!

## Data Dictionary



The data dictionary functionality allows a user to specify entries for their objects in order to make sure that they have clear information that directly relates to their business in their documentation.

NEW!

## Hive Documentation



With the Hive provider, users of DOC xPress and BI Compare can now snapshot, document, validate, and compare Hive instance metadata.

The provider for Hive allows Hive instance metadata to become part of a DOC xPress solution or compared with BI Compare. Best Practices rules can also be applied to it.

NEW!

## Snapshot Management



For import and export, users can choose to import/export both solutions and individual solution items, and they can choose to export only the most recent snapshots, all snapshots after a particular point in time, or the entire history of the selected item.

## Document Image Support



Adding images into the documentation generated by DOC xPress enables the production of more visually engaging documentation and aids in user's understanding of the information presented within the documentation.

## Solution Wizard



The Solution Wizard in DOC xPress simplifies the solution creation process. It comprises multiple steps of solution creation in order to make it easier to get started.

## Impact Analysis



Impact Analysis allows us to answer the question 'What will be affected if I change this element of my environment?'. This feature allows developers to have countless hours trying to assess how a change to one part of their environment will impact others by enabling them to explore the dependencies in their environments easily

## Object Lineage



Object Lineage allows us to answer the question 'Where did this data come from?'. A huge time-drain for all types of developer and DBA, whether focused on BI or not, is tracing the source of data within a system. This feature eases this woe by enabling users to explore the dependencies in their environment.

## Snapshot Comparison



Snapshot comparison allows us to look at two snapshots at different points in time and see what was different. We can examine two different snapshots of the same item to answer the question 'what changed between these times?' We can also examine snapshots from different items to answer the question 'what is different about environment x to environment y?

## DOC xPress DOCUMENT GENERATION PROCESS



The documentation process reads a specific point-in-time version of the snapshots and generates documentation about them. This is supported for any metadata values stored in the repository – documentation can be produced for any technology supported by DOC xPress.

**Generating documentation from snapshots is useful because it allows us to:**

- » Generate documentation about an environment near instantly, rather than having to wait for sources to load each time we want to document
- » Generate documentation about point-in-time views of our environment
- » Track and document changes in our environment

## MULTIPLE FORMAT SUPPORT



Doc xPress gives your four different choices for exporting your documentation: RTF, HTML Frameset, HTML, or DOCX.

**Feature Highlights:**

- » Each Output format is custom designed to meet different needs
- » Generate multiple versions of the same documentation in different formats

## SNAPSHOT COMMAND LINE SCHEDULER



There may be times when a production environment is under a heavy load and Doc xPress cannot be used. There may also be a need to launch Doc xPress from other applications or even an SSIS package. The snapshot and documentation schedulers will provide a file that can be executed through a command line script that can be scheduled or used in third party integration.

**Feature Highlights:**

- » Use third party integration for launching Doc xPress from other processes and applications
- » Schedule snapshots and documentation after hours when a production environment is under minimal load
- » Run Doc xPress using Window's Task Scheduler or even with an SSIS Package using the Execute Process Task or Task Factory's Advanced Execute Process Task

## DOC xPress SNAPSHOT PROCESS



The snapshot process takes a solution configuration and reads all sources, updating the stored snapshot and maintaining a version history chain. This includes SQL Server, Integration Services, and Analysis Services in the initial version.

**Generating snapshots is useful, as it allows us to:**

- » Know what the systems looked like at a point in time
- » Generate documentation based on a specific point in time
- » Track and compare changes in our environment

## SQL SERVER DATABASE DOCUMENTATION



Doc xPress documents databases across all major versions of SQL Server: 2005, 2008, 2008 R2, and 2012.

### Feature Highlights:

- » Easily recreate SQL Server Database objects using the full DDL Script that is captured and displayed by Doc xPress

## SSAS CUBE AND DATABASE DOCUMENTATION



DOC xPress helps you understand the complexity of Analysis Services providing you with the tools necessary to make informed decisions regarding any changes needing to be made to your Cubes and AS Database.

Doc xPress is able to document SSAS Cubes and Databases across all major versions of SQL Server: 2005, 2008, 2008 R2, and 2012 Multi-Dimensional.

## SSIS PACKAGE DOCUMENTATION



Doc xPress allows you to quickly develop an overview of your Integration Services Packages.

### Feature Highlights:

- » Document both package and task level event handlers as well as which variables are being used within those event handlers

## SSRS REPORT DOCUMENTATION



Doc xPress will document SSRS Reports across all major version of SQL Server: 2005, 2008, 2008 R2, and 2012 in both Native and SharePoint Integrated Mode.

### Feature Highlights:

- » Develop a better understanding of your Reports with the documentation of Parameters, Data Sources, and Data Sets properties





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