

Data Tools Platform 1.6

Documentation Plan

dtp16_doc_plan_draft1.doc

Draft 1.0

March 3, 2008

Revision History

Version	Primary Author(s)	Description of Version	Date Completed
1.0	Emily Kapner	Initial Draft	03-03-2008

References

Title	Author	Link
Main DTP web site	n/a	http://www.eclipse.org/datatools/
DTP 1.6 project plan	John Graham	http://wiki.eclipse.org/DTP_Ganymede_Project_Plan
Connectivity design documents	Brian Fitzpatrick	http://wiki.eclipse.org/Connectivity http://wiki.eclipse.org/Connectivity:Usability:HighLevelPlan http://wiki.eclipse.org/Connectivity:Usability:HighLevelDesign
SQL Query Builder design documents	Jeremy Lindop	http://wiki.eclipse.org/SQL_Development_Tools http://wiki.eclipse.org/SQL_Query_Builder_Component_API

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1 Introduction

DTP 1.6 is part of the Eclipse Ganymede simultaneous release. This document provides a high-level overview of the help system design for some of the information components that accompany this release, including the Welcome page design, online help plug-ins architecture, new and updated help content, and context-sensitive help implementation.

As indicated in the DTP Ganymede Project Plan, DTP 1.6 addresses bug fixes to stabilize the code line and will introduce some new features and enhancements, including redesign of the connectivity and driver definitions as well as the new SQL Query Builder.

My project priorities are as follows in this order:

1. Split user documentation into three plug-ins that mirror development plug-in structure.
2. Implement context-sensitive help.
3. Document Help Helper Plug-in.
4. Update the documentation and document new features.

2 Documentation Scope

This section defines the high-level infrastructure and information components, and how DTP online documentation appears on the Eclipse bookshelf.

Documentation for DTP is two separate top-level entries on the bookshelf.

- Data Tools Platform Plug-in Developer Guide
 - Help Helper Plug-in Developer Documentation
- Data Tools Platform User Documentation
 - Introduction to DTP
 - Connectivity
 - SQL Development Tools

2.1 Documentation Infrastructure Overview

The following diagram represents the new DTP documentation architecture. The developer documentation (ISV) will be updated to include documentation for the Help Helper Plug-in. The end-user documentation will be divided into three plug-ins that mirror the main development architecture/features.

2.1.1 DTP Documentation Architecture

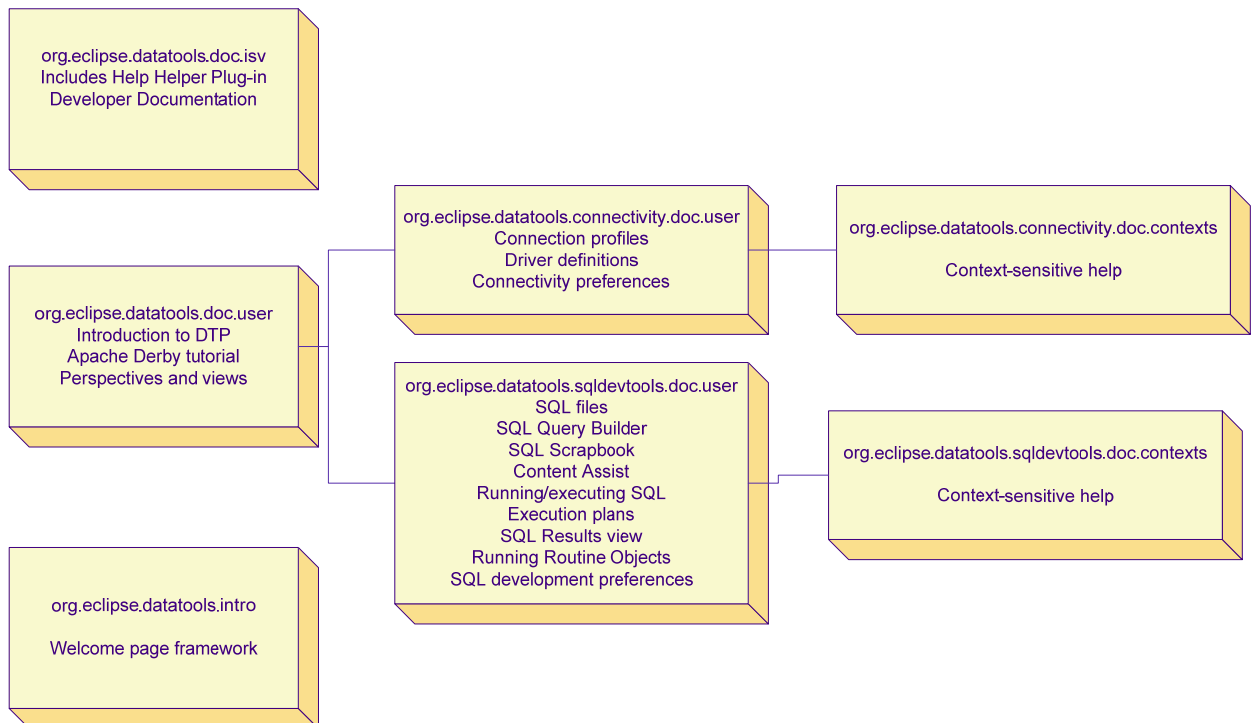


Figure 1. New DTP Documentation Architecture

2.2 Welcome Page

The Eclipse Welcome page displays to users the first time the product opens and any time the user selects Help | Welcome. The Welcome content will be updated and the source checked into the DTP CVS repository.

REVIEWERS: Will document specifics for Welcome page changes in the final draft of this Documentation Plan.

2.3 Online Help Content

New features will be documented in the online help content and existing topics will be updated as necessary. The files necessary to build the online help JARs will be checked into the DTP CVS repository.

2.4 Context-Sensitive Help

Context-sensitive help will be provided for the Connectivity features and some of the SQL Development Tool features, depending on the depth of implementation from DTP development. Context-sensitive help will not be provided for the new SQL Query Builder feature. The files necessary to build the context-sensitive help JARs will be checked into the DTP CVS repository.

2.5 Tutorials

The Apache Derby tutorial will be updated to reflect any necessary changes. It will be part of the main DTP documentation plug-in, org.eclipse.datatools.user.doc.

3 Documentation Deliverables

Deliverable	Included in Plug-in	Notes
General DTP documentation content	org.eclipse.datatools.doc.user	Contains general introductory content for DTP, including an introduction to DTP, Apache Derby tutorial, and introduces DTP's main perspectives and views.
Connectivity documentation content	org.eclipse.datatools.connectivity.doc.user	Contains online help content that describes the Connectivity features, including connection profiles, driver definitions, and connectivity preference settings.
SQL Development Tools documentation content	org.eclipse.datatools.sqldevtools.doc.user	Contains online help content that describes the new SQL Query Builder, SQL file creation, running and executing SQL files and SQL code, running procedural objects, and SQL Development preference settings.
Connectivity context-sensitive help	org.eclipse.datatools.connectivity.doc.contexts	
SQL Development Tools context-sensitive help	org.eclipse.datatools.sqldevtools.doc.contexts	
Welcome page framework	org.eclipse.datatools.intro	Contains links to pertinent DTP information on the Eclipse DTP web site and the user documentation.
Help Helper Plug-in Developer Documentation	Included as part of org.eclipse.datatools.doc.isv	Contains information for how to implement context-sensitive help using the Help Helper plug-in to provide dynamic context-sensitive content. The Help Helper plug-in provides an abstraction layer so that authors can modify context-sensitive help IDs and search expressions without requiring changes to the

		UI code. Delivered as part of the Data Tools Platform Plug-in Developer Guide.
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3.1 Topic Lists (Table of Contents)

Each online help component will have its own topic list/table of contents.

REVIEWERS: This is a preliminary topic list. A more comprehensive version will be included with the final draft of this documentation plan.

Key:

- [Blue = new content](#)
- [Green = updated content](#)
- Black = minor or no updates planned

3.1.1 General DTP Documentation

Data Tools Platform

Model Base

Connectivity

SQL Development Tools

Apache Derby Tutorial

Apache Derby Tutorial Prerequisites

Creating a Driver Definition for Apache Derby

Creating a Connection Profile for Apache Derby

Connecting to Apache Derby

Running a Stored Procedure

Creating and Executing a SQL Query

Perspectives and Views

Database Development Perspective

Database Development Views

Data Source Explorer View

SQL Results View

[Debugger View or perspective??](#)

3.1.2 Connectivity

Connecting to a Server or Enterprise Resource

Creating a Connection Profile

- Connection Profiles

- Refreshing a Connection Profile

- Renaming a Connection Profile

- Deleting a Connection Profile

- Testing a Connection Profile

- Importing a Connection Profile

- Exporting a Connection Profile

- Editing Connection Profile Properties

 - Common Properties

 - Default Schema Filter Properties

 - Default Stored Procedure Properties

 - Default Table Filter Properties

 - Derby Connection Properties

 - Version Properties

Creating a Driver Definition

Setting Connectivity Preferences

 - Driver Definition Preferences

 - Open Data Access

3.1.3 SQL Development Tools

Creating a SQL File

- SQL Files

- SQL Editor

- SQL Scrapbook

Editing a SQL File

- Saving a SQL File

Building SQL Statements Using SQL Query Builder

- SQL Query Builder Features (drag/drop, customizable layout, keyword highlighting)

- Creating a SQL Statement

- [Selecting the Statement Type](#)
 - [Selecting a Table](#)
 - [Selecting Columns](#)
 - [Sorting Columns](#)
 - [Indicating Conditions](#)
 - [Selecting Grouping Criteria](#)
 - [Selecting Group Conditions](#)
- [Joining Tables](#)
 - [Specifying the Join Type](#)
 - [Removing a Join](#)
- [Running SQL Code within SQL Query Builder](#)
 - [Validating SQL Syntax](#)
- [Editing a SQL Statement](#)
- [Setting SQL Development Preferences](#)
 - [Execution Plan View Options](#)
 - [General](#)
 - [Label Decorations](#)
 - [SQL Editor](#)
 - [Code Assist](#)
 - [SQL Files/Scrapbooks](#)
 - [Templates](#)
- [SQL Query Builder](#)
- [SQL Results View Options](#)
 - [Export Format Options](#)
 - [History Options](#)
 - [Result Set Viewer Options](#)
- [Executing a SQL Statement](#)
- [Running an Ad Hoc SQL Statement](#)
- [Executing a SQL File](#)
- [Running a Routine Object](#)
 - [Routine Objects](#)
 - [Creating a Launch Configuration for a Routine Object](#)

Viewing SQL Results

- SQL Results View Toolbar

- Saving SQL Results History

- Filtering SQL Results

- Saving Execution Results to a Project

3.1.4 Help Helper Plug-in Developer Documentation

Table of contents in process.

4 Documentation Process

4.1 Information Development Process

Documentation is rendered in HTML. All files necessary to build the online help content will be checked into the DTP CVS repository so that the build system can access and build the documentation JARs.

4.2 Review Process

Two documentation drafts are planned. A Bugzilla CR will be opened and associated with each draft. A link to the PDF of the documentation will be included in the CR, and a general email to the dtp-dev alias will notify the community that the draft is available for review.

Comments can be indicated in the CR, or reviewers can annotate the PDF and attach it to the CR with a unique file name.

Context-sensitive functionality will need to be reviewed and tested within a nightly build or milestone drop. Context-sensitive help will be implemented by the final documentation review draft.

4.3 Documentation Team

Name	Project role	Email
Emily Kapner	Information Architect and Author	ekapner@sybase.com
Maria Brownstein	Technical Publications Manager	mbrownst@sybase.com

5 Schedule

5.1 Milestones

Deliverable or project milestone	Due date	Notes
Documentation plan, draft 1, out for review	03-03-2008	
Documentation plan, draft 1, review complete	07-03-2008	
Documentation plan, final draft, out for review	14-03-2008	
Documentation plan, final draft, review complete	21-03-2008	
First documentation review	11-04-2008	
First documentation review complete	18-04-2008	
Help Helper Plug-in first documentation review	18-04-2008	
Help Helper Plug-in first documentation review complete	25-04-2008	
Context-sensitive help implementation ready for review	09-05-2008	
Final documentation review	09-05-2008	
Final documentation review complete	16-05-2008	
Help Helper Plug-in final documentation review	16-05-2008	
Help Helper Plug-in final documentation review complete	23-05-2008	
Doc content freeze	02-06-2008	
Doc complete	13-06-2008	

6 Plan Considerations

6.1 Risks

Features that get developed or modified late in the development cycle (after M6 timeframe) may have minimal or no documentation.

7 Release Decisions

This section identifies and tracks project decisions that affect information presented in this Documentation Plan.

7.1 Questions

1. What context sensitivity are we providing for SQL Dev Tools?

7.2 Decisions

N/A