

# Data Tools Platform 1.0

## Proposed Online Topics List (Table of Contents)

### *Key*

Black text: Content to be contributed by Sybase

\* (fuchsia text) Asking for help from DTP community/IBM to deliver this content

\*\* (blue text) Content from WTP; delivered as separate doc plugin

**Note:** This is the planned documentation set for 1.0. Please contact [ekapner@sybase.com](mailto:ekapner@sybase.com) if you wish to contribute documentation for any missing content.

## Overview

### Model Base

Description: Supports definition of drivers, databases, and SQL structure; a container for core data structures used within DTP.

### Connectivity

Data Source Explorer

Connection Profiles

Open Data Access

### SQL Development

SQL Editor

Results View/ Script (Execution) History

## Apache Derby Tutorial

### Prerequisites

Creating a Driver Definition for Apache Derby

Creating a Connection Profile for Apache Derby Embedded

Connecting to Apache Derby

Running a Stored Procedure

Creating and Executing a SQL Query

Viewing the Results

## Setup

### Database Development

Launching Data Tools Platform

Database Development Perspective

Database Development Views

Starting the Database Server

Creating a Connection Profile

### Preferences

Defining Database Development Preferences

Database Development Preferences Options

Creating a Filter to Indicate Viewable Content

Schemas

Stored Procedures

Defining Driver Definition Preferences

Driver Definition Preferences Options

Setting SQL Editor Preferences

SQL Editor Preferences

Setting SQL File Preferences

## Creating a Connection Profile

### Connection Profiles

#### Database Connection Profile Types

##### JDBC

May provide content for 3<sup>rd</sup> party vendors if time

#### Using the Default Connection Profile

### Connecting to a Server

#### Creating a Connection Profile

#### Refreshing a Connection Profile

#### Renaming a Connection Profile

#### Deleting a Connection Profile

#### Testing a Connection Profile

#### Editing Connection Profile Properties

#### Exporting a Connection Profile

## Connecting to a Database

# Develop: Database Development

## Content Assist

### SQL Statements

### Routine Objects

### Changing Code Assist Preferences

## Creating a SQL File

### SQL Files

### SQL Editor

#### Setting SQL Editor Preferences

### Opening a SQL File

### Creating a SQL File from a Routine Object

### Editing a SQL File

#### Opening a SQL File

#### Copying Pending SQL Changes

#### Pasting a SQL Statement

#### Typing a SQL Statement

#### Importing SQL from a Text File

### Saving a SQL File

## Creating a Routine Object

### Routine Objects

#### Stored Procedures

#### Functions

#### Triggers

### Editing a Routine Object

#### Opening a Referenced Procedure

#### Saving a Routine Object as a SQL File

#### Saving a Routine Object Definition to a Database

#### Renaming a Routine Object

## \* Creating a Database Table

### \* Database Tables

### \* Creating a Database Table from an Existing Table

### \* Modifying Database Table Data

#### \*\* Table Data Editor (from WTP as separate plugin)

##### \*\* Opening the Table Editor

##### \*\* Modifying Data in the Table Data Editor

##### \*\* Setting a Value to Null in the Table Data Editor

##### \*\* Inserting Table Rows in the TDE

##### \*\* Deleting Table Rows in the TDE

- \*\* Reverting to Last Saved State in the TDE
- \*\* Refreshing the Data in the TDE
- \* Closing a Database Table
- \* Removing a Table From the Database
- \* Specifying Table Properties
  - \* Database Table Properties
- \* Creating a Database Column
  - \* Database Table Column Definitions
  - \* Table Column Properties
  - \* Cutting a Column
  - \* Copying a Column
  - \* Pasting a Column
- \* Defining a Database Key
  - \* Database Key Icons
  - \* Opening Related Database Tables Using Keys
  - \* Defining Primary Database Keys
  - \* Defining Foreign Database Keys
  - \* Modifying a Database Key
  - \* Removing a Database Key
- \* System Tables (provided by specific DBMS)
  - \* Opening a System Table
- \* SQL Syntax Changes
  - \* Viewing Pending SQL Syntax Changes
  - \* Copying Pending SQL Syntax Changes
  - \* Saving SQL Syntax Changes
  - \* Exporting Table Syntax to the Log
- \* Printing the Database Table Definition

## **Run: Database Development**

Running a Routine Object

Executing SQL Statements

Executing a SQL File

Viewing SQL Results

SQL Results view/Script History

SQL Results View Toolbar

SQL Results Tabs

SQL Results History

SQL Results History Field

SQL Results History Save Options

Saving SQL Results History

Saving Execution Results

Exporting SQL Execution Results

Removing Results from SQL Results View

Terminating Results from SQL Results View

Filtering SQL Results History