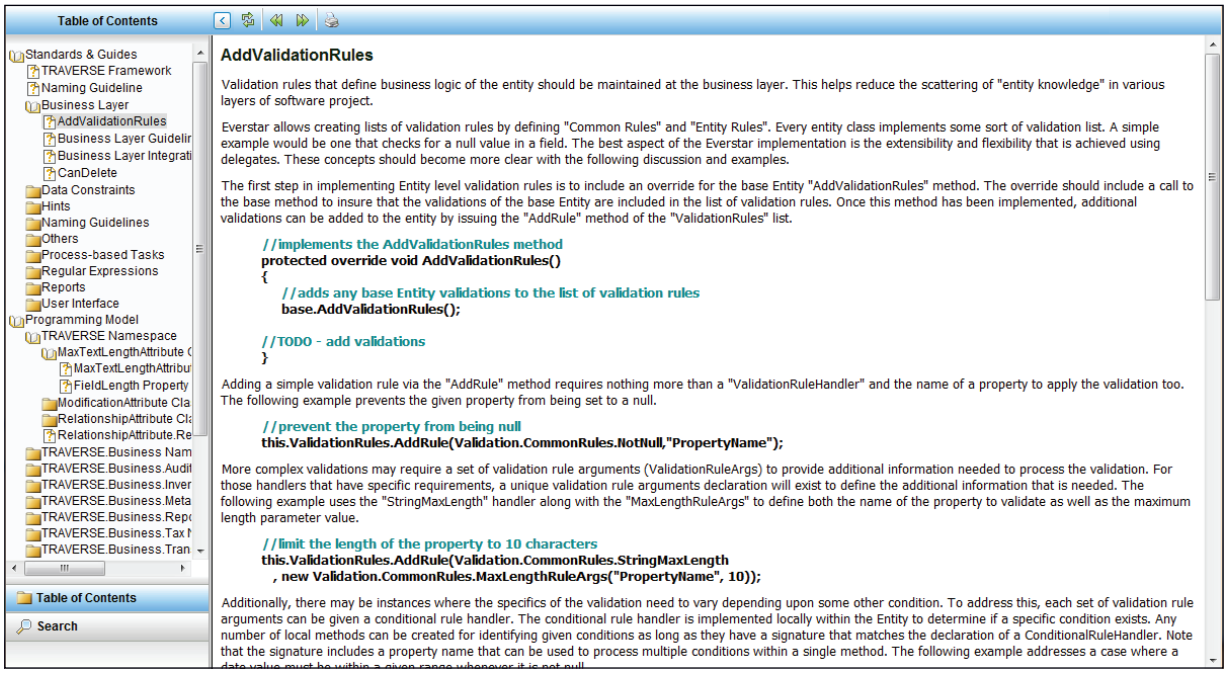
Traverse SDK

The Traverse version 11 Software Developer's Kit (SDK) is online, and available wherever and whenever you need it. Use the Traverse SDK to ensure that your modifications adhere to Traverse standards—making them easy to maintain, update, and upgrade.

The Traverse SDK includes:

- Framework Documentation and Programming Guidelines
- Schema Definitions
- Entity Relationship Diagrams
- Code Generator
- Object Documentation
- TSMX Builder
- Client Update Utility
- Task Panes, including a configuration file and a short tutorial



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Traverse version 11 SDK Tools and Documents

Framework Documentation and Programming Guidelines

The framework provides mapping from relational databases to the object world, which allows application developers to focus on requirements and features rather than dealing with complexities of databases and SQL statements.

Schema Definitions

Online, searchable access to the schema definitions for the enumerated field values, system databases, and company databases is available for every application.

Entity Relationship Diagrams

This file contains the relationship diagrams for the version 11 Traverse schema. The two files are in PDF format, and the file names include references to the application information contained in each file.

Code Generator

This tool can be used to automate the creation of class assemblies that are compatible with the Traverse version 11 framework to support new schema entities. A 'Quick Start' guide to using the code generator is included in the file.

Object Documentation

These XML files facilitate the understanding of the methods available in the application. When the files are extracted into the folder that contains the Traverse programs (dlls) on machines that will be used for development, the Visual Studio Object Browser will show any extended comments that have been created in the source projects.

TSMX Builder

The TSMX Builder utility is used to create the SQL scripts that perform desired tasks on a database to accommodate customizations. These can include the creation or alteration of database objects, the manipulation of data, or virtually any other SQL compatible instruction. Once these sets of instructions have been built and tested individually, they can be compiled into an update package using this utility.

Client Update Utility

The Client Update Utility is an extension of programs available in Traverse that automatically checks for updated files deployed to a server. This tool has a dual purpose. First, as a development tool, it can be used to build the AssemblyListCustom.xml file for custom files that should be deployed to client installations. Second, when deployed into the installation environment, this tool can automate checking and updating client files using external tools such as Windows Task Scheduler. This can also be run as part of a logon or batch process for users. Updates could be silently loaded prior to the loading of Traverse, so the user does not receive a message regarding the availability of new updates after the software has loaded.

Task Panes

This file includes the current OSI-provided Task Panes for Traverse, a sample configuration file, and a short tutorial on configuring your system to use Task Panes.