

Space Details

Key:	STONEHENGE
Name:	Apache Stonehenge
Description:	
Creator (Creation Date):	dkulp (Jan 27, 2009)
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Available Pages

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StockTrader Database

This page last changed on Sep 23, 2009 by [nickh](#).



Warning

This page is a *draft*, its content is not complete and might contain errors.

Information

The [Stonehenge StockTrader Sample Application](#) relies on a database for storage of user information, stock information, and application configuration data.

Originally the database was a Microsoft SQL Server database, but support is being added for using MySQL as the data store as part of the M2 release.

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ACCOUNT Table

Description

The ACCOUNT table is used to store account details about users (as opposed to identifying information). It keeps track of events such as account creation and logins/logouts, as well as the current balance for the account. The PROFILE_USERID column is used to correlate information in this table with information in the [ACCOUNTPROFILE](#) table.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
CREATIONDATE	datetime	Yes
OPENBALANCE	decimal(12, 2)	Yes
LOGOUTCOUNT	int	No
BALANCE	decimal(12,2)	Yes
*ACCOUNTID	int	No
LASTLOGIN	datetime	Yes
LOGINCOUNT	int	No
PROFILE_USERID	varchar(250)	Yes

ACCOUNTPROFILE Table

Description

The ACCOUNTPROFILE table is used to store personal information about registered users of the StockTrader application. It contains contact information, payment information, and authentication information (stored as plain text).

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
ADDRESS	varchar(250)	Yes
PASSWORD	varchar(250)	Yes
*USERID	varchar(250)	No
EMAIL	varchar(250)	Yes
CREDITCARD	varchar(250)	Yes
FULLNAME	varchar(250)	Yes

BSTOOPS Table

Description

The BSTOOPS table is used as a lookup table by the Configuration Service to determine the Order Processor Service instance that a given Business Service instance is configured to call.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
*BS	varchar(50)	No
OPS	varchar(50)	No

CLIENTTOBS Table

Description

The CLIENTTOBS table is used as a lookup table by the Configuration Service to determine the Business Service instance that a given StockTrader Client instance is configured to call.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
*CLIENT	varchar(50)	No
BS	varchar(50)	No

DBCONFIG Table

Description

TODO: Write description of the usage of this table.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
*DBNAME	varchar(50)	No
HOSTNAME	varchar(50)	No
PORT	int	No
ACTIVE	varchar(1)	No

HOLDING Table

Description

The HOLDING table is used to store information about the various stock holdings that users of the StockTrader application **currently** have.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
PURCHASEPRICE	decimal(12, 2)	Yes
*HOLDINGID	int	No
QUANTITY	float	No
PURCHASEDATE	datetime	Yes
ACCOUNT_ACCOUNTID	int	Yes
QUOTE_SYMBOL	varchar(250)	Yes

ORDERS Table

Description

The ORDERS table is used to store information about all stock orders that users of the StockTrader application have ever placed.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
ORDERFEE	decimal(12, 2)	Yes

COMPLETIONDATE	datetime	Yes
ORDERTYPE	varchar(250)	Yes
ORDERSTATUS	varchar(250)	Yes
PRICE	decimal(12, 2)	Yes
QUANTITY	float	No
OPENDATE	datetime	Yes
*ORDERID	int	No
ACCOUNT_ACCOUNTID	int	Yes
QUOTE_SYMBOL	varchar(250)	Yes
HOLDING_HOLDINGID	int	Yes

QUOTE Table

Description

The QUOTE table is used to store the current state of the market.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
LOW	decimal(12,2)	Yes
OPEN1	decimal(12,2)	Yes
VOLUME	float	No
PRICE	decimal(12, 2)	Yes
HIGH	decimal(12, 2)	Yes
COMPANYNAME	varchar(250)	Yes
*SYMBOL	varchar(250)	No
CHANGE1	float	No

SERVICE Table

Description

The SERVICE table is used as a lookup table by the StockTrader Configuration Service to resolve service endpoints and security requirements.

Columns (MSSQL)

Column Name	Data Type	Nulls Allowed
*SERVICENAME	varchar(50)	No
URL	varchar(500)	No
SEC	bit	Yes

STSACCOUNTLOOKUP Table

Description

This table provides mappings between unique identifiers for users within the StockTrader application and unique identifiers for users within an STS. This table was created to provide support for a Secure Token Service as part of the upcoming M2 release.

Schema (MSSQL)

Column Name	Data Type	Nulls Allowed
StsUniqueIdentifier	varchar(250)	No
IssuingSts	varchar(250)	No
UserID	varchar(250)	No