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PMSinfo
Reuters - DSS2PMS Interface

The Reuters - DSS2PMS interface uses Reuters Datascope Feed (XML)® for data integration purposes, thus allowing for a swift and automatic supply of data for innovative PMS functions such as free fields, multiple identifiers, liquidity risks or additional scopes of use like Basel III, UCITS IV, Solvency II, AIFM for example.

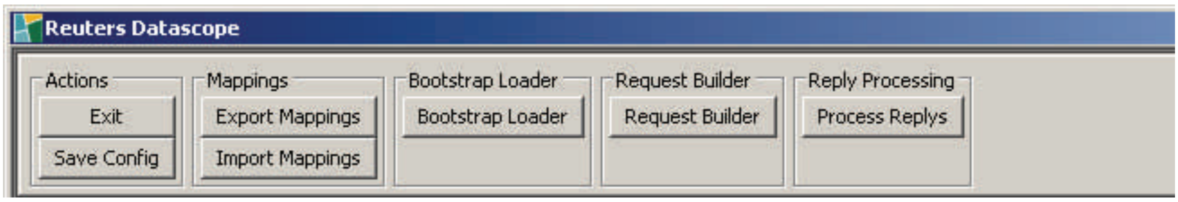
The interface ensures that the information is provided fast and effectively to the relevant application processes. Near-time updates und customised holdings-related query options are just a few advantages Datascope® offers.

The import of reference data of financial instruments (shares, funds, bonds, options, futures, OTC derivatives, certificates, structures, credits, CDS, CDX, commodities and warrants) enables a complete supply of market data:

Stock / inflation / consumer price indices, benchmarks, bid/ask prices, return ranges for bonds, commodity prices and commodity indices, credit spreads and indices, foreign exchange rates, money market rates/ indices (EONIA, …), trade volume of the day, market prices/ rates and historical price/rate time series, ratings for issuers and issuances, volatilities for shares, indices, interest rates, FX rates, yield curves.

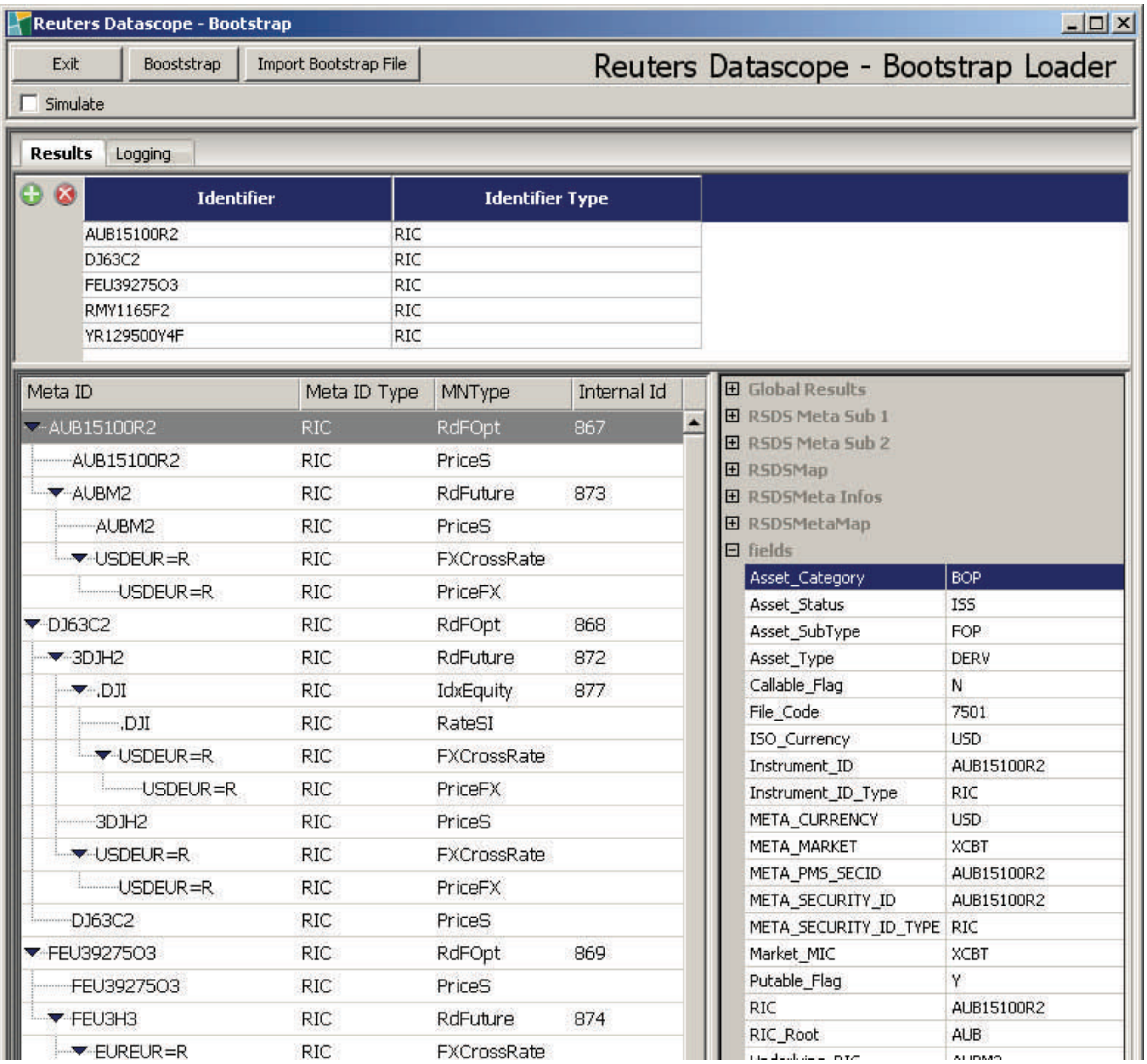
Advantages of the DSS2PMS interface at a glance ➔

- Fast and effective information supply
- Reference data
- Data supply of derivatives and securities
- Near-time updates
- End-of-Day
- Trading prices/rates (Intraday)
- Historical price/rate time series
- Customised query options relating to holdings
- Computer-based processing of underlyings and cash flow structures
- Support of PMS features such as free fields, multiple identifiers etc.
- Full Datascope® access



Bootstrap Loader

The Bootstrap Loader first identifies the instrument type; it identifies a bond futures option for example as ‘RdFOpt’ (‘RdFOpt’ is an abbreviation of ‘Reference data Futures Option’). Reference and market data as well as their underlying assets form a functional unity.



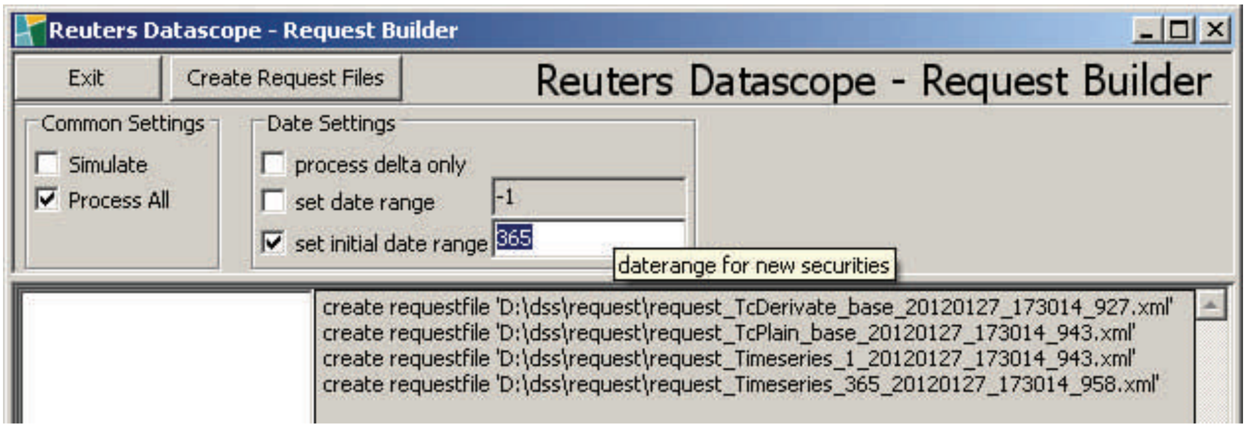
As regards market data, the price type selection is freely configurable and depends on whether a stock exchange offers the appropriate price type. Different price types such as “Bid”, “Ask”, “Close”, “Settlement” and “Universal” can be configured in accordance with the customer requirements.

The Bootstrap Loader identifies the market data for an instrument type and comprises this in one step with the type identification. It identifies the market data as ‘PriceS’ for instance which refers to the settlement price of an option or of a forward contract and offers Bid/Ask prices for bonds or closing prices/rates as “Close” for shares. It is also possible to determine Bid and Ask prices for shares.

The corresponding underlying assets will be identified for each instrument type such as the bond futures option above (RdFuture = Reference data Futures). The Bootstrap Loader recognises usance prices/rates as cross rates (FXCrossRate, PriceFX) and activates them automatically when they first appear.

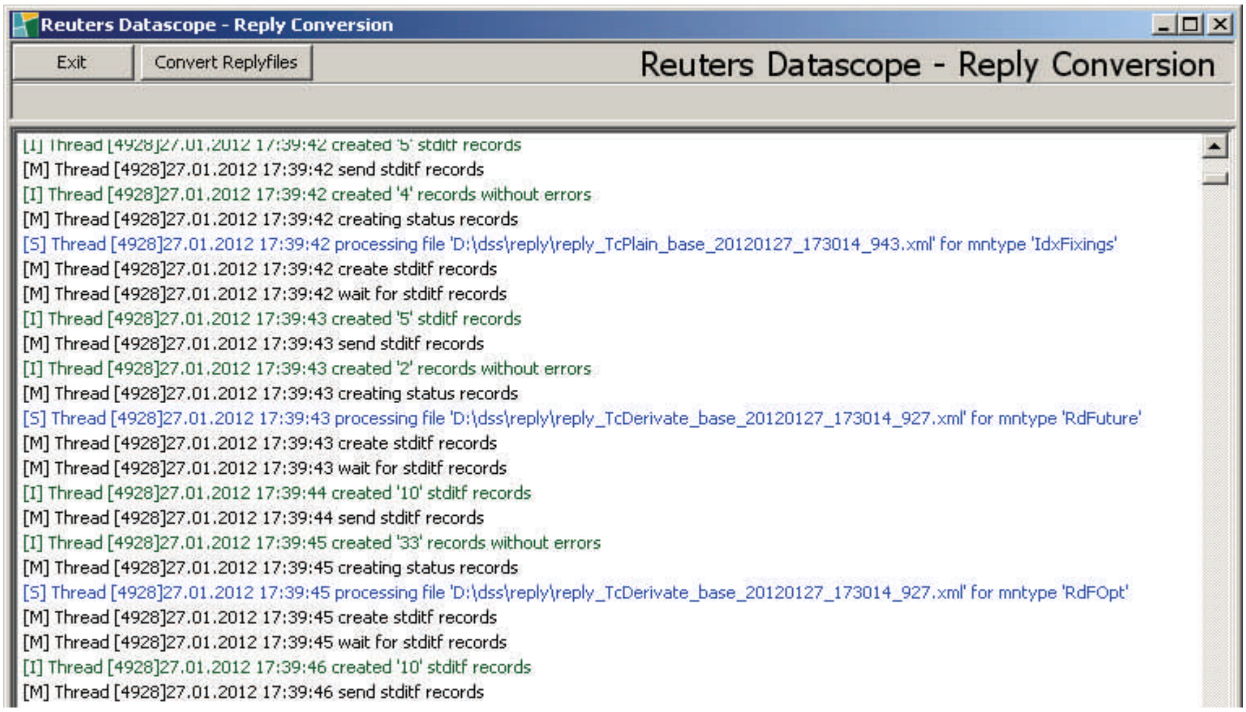
Request Builder

The Request Builder generates all data queries which have been previously activated by the Bootstrap Loader. The period of price/rate time series can be controlled dynamically using parameters such as 'date range'. Delta processing makes it possible to reduce the data queries to a minimum during the day if particularly large data volumes have already been queried during the night and should not be repeated in the day-time operation.



Interface Service

The Interface Service then submits the data queries to the Reuters Datascope Filetransfer Server (FTP) and waits for its replies in the shape of reply files. These reply files will be downloaded and converted into the PMS standard interface formats. The Standard import interface of PMS performs a plausibility check and other checks of the importing data. The Interface Service is able to repeat the processing of the reply files whenever required and in case of errors.

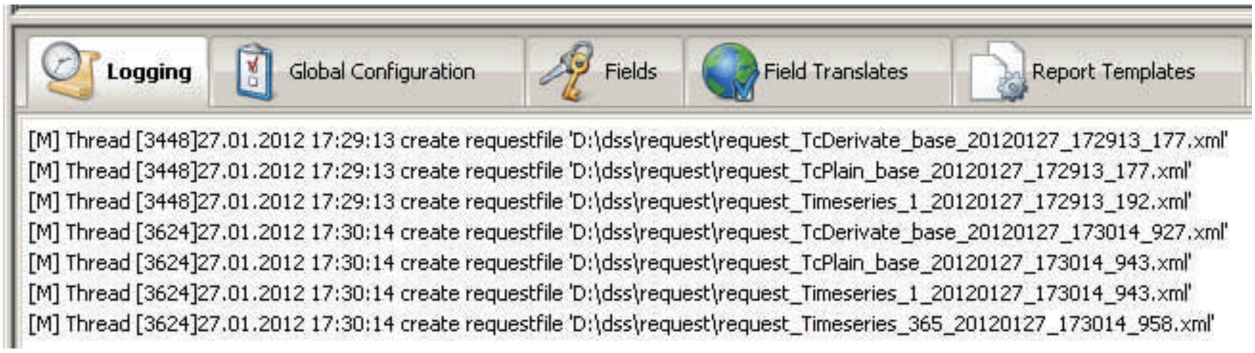


XML Mapping Engine

The XML Mapping Engine applies predefined mapping and translation rules to serialised XML documents. The mapping rules define how to assign each data field to a relational database table. Fields can be referred to by a data type: STRING, FLOAT, INTEGER, DATE, PRICE or STRIKE. The XML Mapping Engine makes it possible to execute data, string and arithmetic operations and to combine logical operators such as “AND”, “OR”, “Equal to”, “Greater than” and/or “Less than” with conditional operations into filter and mapping rules. Field-specific translation rules change the values for an interbank rate for example and adapt them to the target system. All of these features lead to an efficient data integration.

Logging and Automatisation

All procedures and activities will be logged. The loading sequence depends on the priorities; the reference data (securities) for instance will therefore always be loaded before the market data. All working processes can be manual as well as automatic. The Reuters - DSS2PMS interface allows an automation of daily routine tasks and a manual execution of one-time actions at any time.



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