

The META ASAM ODS Browser

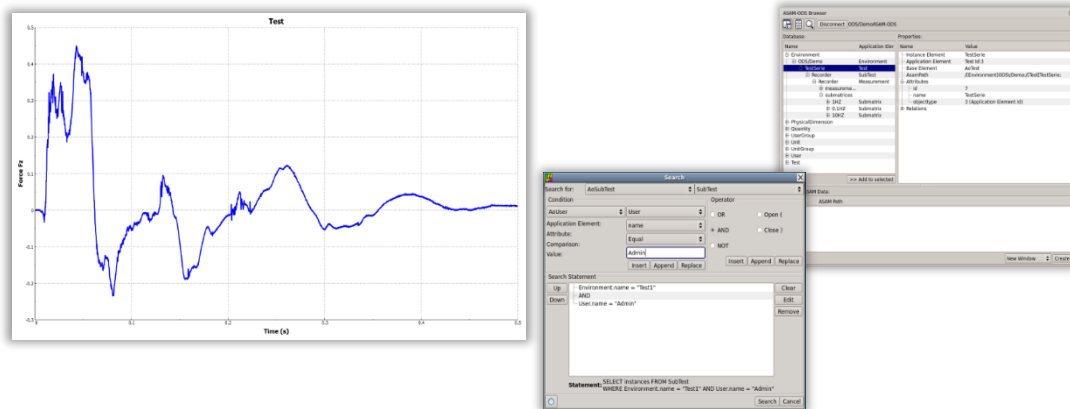
BETA CAE Systems developed an ASAM ODS browser specifically designed to ensure flexibility, performance, and ease of use in navigating and querying ASAM ODS data sources. This browser is embedded in META, the post-processor of BETA CAE Systems and included in the standard package at no extra cost.

META ASAM ODS Browser provides a simple and intuitive user interface for browsing data stored in compliance with the ASAM ODS standard. By simply connecting to an ASAM ODS database, META can display the data in 2 different view modes.

The ASAM ODS (Open Data Services) is a standard that specifies a common data structure and interfaces to store and retrieve data in ODS servers resulting in minimal effort for system integration within heterogeneous environments and seamless information exchange, thus reducing costs and providing a reliable basis for maintaining information used by several applications.

The first view mode is the Database View which provides an overview of the data hierarchy included within the data model depicting the different Application Element types and their parent-child relationship (Measurement, MeasurementQuantity, etc). The second view mode is the Application Model View which displays all Application Elements and its instances.

The browser also features a powerful Search tool which enables the easy and effective navigation in ASAM ODS data sources. It offers an overview to the data hierarchy in data model, and a powerful query tool to retrieve data from the server.



The wide range of tools for assisting NVH testing makes META a perfect fit for development cycle processes which involve test and simulation. Such tools include those for the selection of suitable measurement and excitation locations, and the various specific plot types, such as Campbell diagrams. NVH testing preparation is further assisted by the output of geometry in ATFX format from ANSA. META also offers the ability to input results from ATFX and export simulation results to ATFX in order to be imported back to an ASAM ODS server. All functionality is also available through scripting, allowing the full automation of tasks involving interaction with ASAM ODS data sources.