

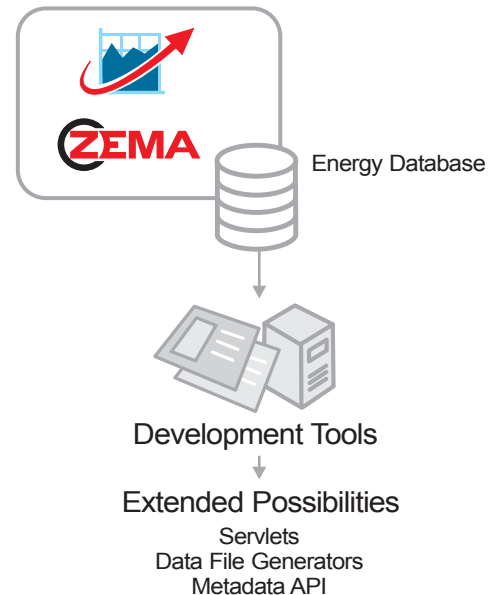
Extend the Power of ZEMA on your own

ZEMA supplies a series of powerful tools that lets your corporation extend the power of the ZEMA suite however you need to. IT specialists and developers can use these tools to streamline their development and easily connect market data and intelligence to their own databases or downstream applications.

Using the power of the ZEMA suite, you can quickly create and save complicated database queries that can aggregate, analyze and interrogate multiple tables and spreadsheets at the same time and then embed and call them in different ways through their own programs or applications. These tools were built by programmers for programmers.

ZEMA's development tools also allow you to increase the power of your corporate databases, schedule the generation of files in different formats (xml, csv, html, email), or to execute your own batch files at any interval you need.

What you do is your choice...these are your tools for making the most use of your corporate data and ZEMA installation.



Product Features

- ♦ Extend the amount of data available to ZEMA Analyzer to include your own internal databases and spreadsheets
- ♦ Call your own and your user's queries in any data format through our ZEMA servlets
- ♦ Schedule the automatic export of data files into .xls, .txt., xml and .csv formats
- ♦ Automate the emailing of your queries as attachments
- ♦ No need for complicated SQL when developing
- ♦ Use our products through any programming language you choose
- ♦ Metadata APIs allow you to interrogate and catalogue all your internal database tables, views and spreadsheets

Tech Talk

- ♦ Leverages off our Service Oriented Architecture
- ♦ Provides APIs
- ♦ Provides Servlets
- ♦ Provides extensive scheduling functionality
- ♦ Automated file generation
- ♦ Fully robust metadata layer
- ♦ Access data in csv, xls, xml and other formats

Ability to extend internal data to ZE Products

ZEMA provides a set of extremely powerful tools that empowers the corporation to integrate any external database or file into the ZEMA set of products. Users can rapidly build metadata around their own databases and objects (tables, spreadsheets and views) and have them available to all downstream tools.

Query loading through web services

Servlet: A series of tools that allows developers to query existing users, profiles names and actual data in multiple formats. The profiles can be called via URL (servlets) and provide downstream applications with an easy means of retrieving market data and analysis using the full power of ZEMA.

Automatic Data Generator (XML, CSV, email)

Data File Generators: The automatic data generator allows users to schedule the export of complex predefined ZEMA queries into multiple formats including xml, csv, email, etc. This allows files and reports to be available to downstream applications, newsletters and websites on a dynamic basis.

Ability to query Metadata through API

Metadata API: The Metadata API allows users to query metadata to fully catalog and understand how data exists in the various databases. It allows developers to integrate metadata in their own tools.

ZEMA Development Tools is a powerful set of support tools that help your organization maximize the value of the ZEMA suite's energy database and extensive analytical capabilities. Use them when you want, how you want.

