

Procession Tag Library Overview

The Procession Tag Library is a custom Java Server Pages (JSP) tag library that can be used to easily create web pages using data from a variety of sources. It creates the binding between the form objects and the backend relational database(s) without the need of additional Java coding. This is achieved by placing the custom tags onto a JSP along with the standard html tags to produce the web page. This allows connectivity to multiple sources so end users can view mashed-up reports without the need for additional browser plugins or javascript to be written.

The Procession Tag Library is a standalone runtime component that can be used with any new or existing Java web application. It can utilise any Java Naming and Directory Interface (JNDI) datasource (one or multiple) that has been defined in the web application's deployment descriptor to connect to the relational database(s).

A Lightweight Directory Access Protocol (LDAP) compatible server can be used for user authentication.

The Procession Tag Library allows the caching of data in memory on the web server, which minimises calls to the database.

The Procession Tag Library also allows for simple navigation between pages.

The Procession Tag Library requires a Servlet 2.3/JSP 1.2 container or a Java Enterprise Edition 1.3 application server or above as well as Java Standard Edition 1.3 or above.

Please note that Procession does not yet have the development tool for the creation of the JSP. Therefore a JSP must be created using existing web development tools and the custom Procession Tags manually inserted onto the page. Maintenance of the resulting web page is simplified as the developer only has to work with mark-up and not code (estimated saving of 80% of development time).