

U2WebLink™ Middleware for Universe® or Unidata®



U2WebLink™ is middleware for U2 databases based on open source technology from jabsorb.org that is a simple and lightweight AJAX framework that allows you to call Java methods using JavaScript. This technology uses json-rpc.org for the transport mechanism which is not as verbose as XML. JSON is a remarkable format that allows JavaScript and Java to understand it natively without any manipulations required by those other formats. Your web applications run on open source Apache Tomcat at lightning speeds that allow your users to do data entry and reporting in real-time on the Web.

U2WebLink™ has a full API that allows calls to the U2 database using UniObjects for Java (UOJ) . You can call your own sub-routines through this API. Full logging capability is built in using open source Apache log4j which is designed with these goals in mind: reliability, speed and flexibility. Our job scheduler is Quartz, a full-featured open source system, that is fully integrated within our middleware. Quartz allows full durability of our UOJ connections to the database. In addition, reports and processing can be run using Quartz has your job scheduler using the phantom processing of U2 databases.

U2WebLink™ is only middleware program that we are aware of for U2 databases that allows you to run and write Java server pages (JSP) or HTML pages . This middleware can live on any server Apache Tomcat can be deployed to. Your U2 database can live on another machine, or another state, or another country if you so desire.

U2logic, Inc is dedicated to releasing the best of the breed for U2 databases. Check out our tools such as web forms developer called XLR8Developer, or the finest editor for U2 databases called XLR8Editor. These plug-in tools are all based on the open source Eclipse.org project.