

# ACCORD ENTERPRISE WEBKIT

Ease of access to data has a direct and profound effect on research productivity. Different groups of users need specific views of particular data-types to support day-to-day research operations and decision-making. The Accord Enterprise Webkit, an add-on module for users of Accord Enterprise Informatics, is an easy, powerful way to develop and deploy a variety of intranet applications for managing chemical, biological and inventory data stored in Oracle®

## FAST DEPLOYMENT USING INTRANET TECHNOLOGY

A company intranet provides an ideal way to make information available to your scientists, technicians, and managers. AE Webkit makes it easy to build web-based applications that provide access to chemical, biological, and other data in your Oracle database via the intranet.

## EASY TO INSTALL

AE Webkit is an add-on for your existing web server. It is designed to work with popular web server and operating system/hardware combinations. The AE Webkit connects to your existing Oracle and Accord Enterprise Informatics database via Java database Connectivity™ (JDBC). The web server and the database can be installed on separate machines.

## EASY TO USE

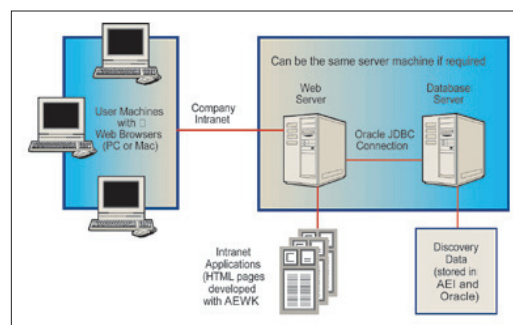
Create your own chemical intranet applications as HTML pages. The functionality of the AE Webkit is accessed through special tags that are embedded within the HTML pages (we use JavaServer Pages™ (JSP), a standard protocol for defining

and implementing such tags). The AE Webkit tags provide a simple way to connect to Oracle and Accord Enterprise Informatics to search and retrieve data (including structure and substructure searches), to display data (including chemical structures), and to carry out other operations necessary for chemical intranet applications.

### To create AE Webkit applications you will need:

- Familiarity with basic HTML syntax
- Familiarity with basic programming concepts, and ideally with Java syntax
- A basic understanding of SQL

Full documentation, including examples, is provided with the system.



Development of AE Webkit applications via the company intranet



- Provides a number of example web-applications to kick-start the development of your web-based applications
- Built-in structure depiction via the Accord Web Viewer enables you to access the chemistry-rich capabilities of the Accord Chemistry Engine.
- Platform-independent technology enables you to build and deploy applications across a wide range of different operating systems.
- Multi-language support makes it possible for you to build web applications that support Japanese, German, Italian, Spanish and English language users

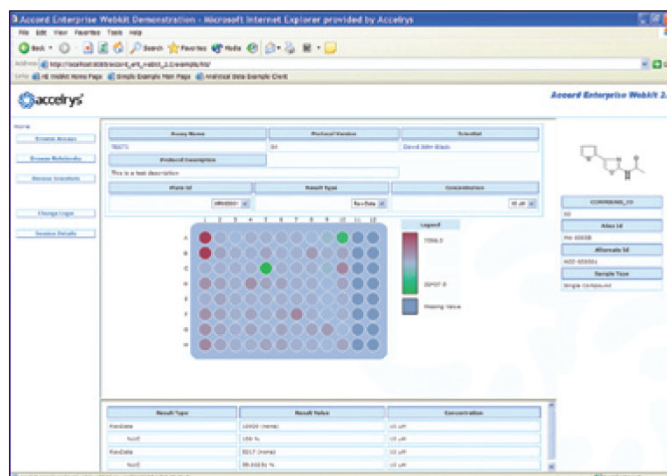
## SYSTEM REQUIREMENTS

AE Webkit requires a web server with support for servlet 2.4 and JavaServer Pages (JSP) V2.0 Accelrys recommends using either JBOSS 3.2.7, Apache Tomcat 5.0.28 or BEA Weblogic 9.0

Java Development Kit (JDK) V 1.4.2.08 or later must be installed on the web server.

AE Webkit applications require access to an Accord Enterprise Informatics server. AEI version 5.3 or later is required. Web application testing has been performed on Windows 2000 SP2, Windows XP SP1, Mac OS X 10.4, Solaris 9 and Red Hat ES 3.0. Internet Explorer 6.0, Firefox 1.0 and Safari 1.2 are supported web browsers for the AE Webkit.

To learn more about Informatics, go to [accelrys.com/informatics](http://accelrys.com/informatics)



Viewing plate-based assay activity data displayed as a heat-map using the sample HTS plate viewer in the Accord Enterprise Webkit.