

Enables flexible, web-based and tailored access to chemical, biological and inventory information stored in Accord Enterprise Informatics

Intranet applications are fast and inexpensive to deploy — no need to modify the users' desktops

Fast and easy development – simple applications take only a few hours to build

Build applications that meet the specific needs of your users and company – you are not constrained by standard shrink-wrapped applications

Browser-based applications are easy to learn and deploy – making your chemical, biological and inventory data more accessible to a wider audience

Accord Enterprise Webkit

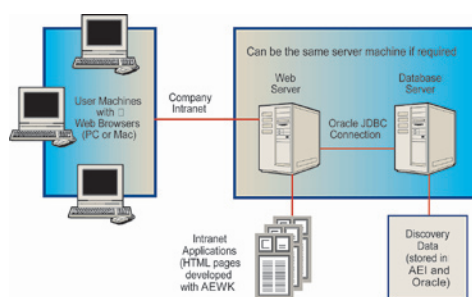
Ease of access to data has a direct and profound effect on research productivity. Different groups of users need specific views of particular data-types to support day-to-day research operations and decision-making. The Accord Enterprise Webkit, an add-on module for users of Accord Enterprise Informatics, 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.



Development of AE Webkit applications via the company intranet

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

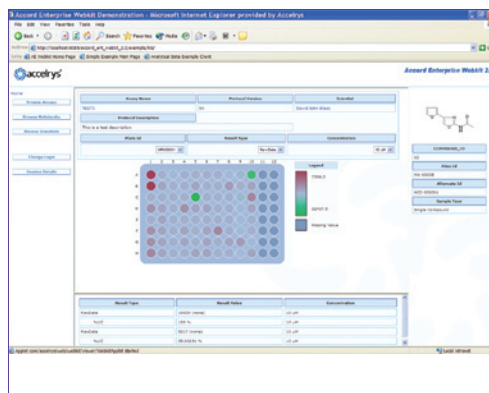
Full documentation, including examples, is provided with the system.

Sample Applications

AE Webkit comes with a number of sample applications and interfaces. These illustrate the capabilities of the system and can be used as a basis for your own intranet applications. Copying and modifying a sample application is a quick and easy way to create a new application.

The sample applications include:

- A single compound registration application enabling you to register a single compound, browse the AEI registration queue, and create new compound lots
- An Accord Inventory interface that allows users to search for inventory materials, create material or plate requests, check their request status and create or edit bottles
- A search by query tool application that enables users to build structure and non-structure based queries utilising the full



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

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.