



6 Sep 2010

Technical Note Installation of Open DevInfo

Background

This document describes technical information related to the installation of Open DevInfo.

Software requirements

- Unix/Linux or Windows Server
- Apache HTTP Server version 2.2 or IIS
- MySQL database version 5.0 or higher. Other databases can also be configured in the app_config.php file.
- PHP version 5.2.x with PEAR DB Library
- Flex 3.0 SDK and Flex Builder to make changes in the Flex source code

Web directory structure

- The "Root" directory contains the Flash files and their related files and folders. These files are found in the bin-release folder of Flex after building the source code.
- The "OpenDevInfoCore" directory contains the PHP files that provide common SQL queries for the database.
- The "OpenDevInfoWebService" directory contains the PHP files. It provides web service for the Flex application.

Brief summary of Flex source code directory

- FlexProjectSource - This contains the Flex source code, which can be imported in Flex builder as an entire project. The option is found under File > Import > Flex Project > Project Folder. Select the folder using the Browse option.
- src/config.xml - This file contains the path to the web service file service.php.



Brief summary of OpenDevInfoWebService directory

- service.php – This provides the XML-based web service for the Flash application. In the service.php file you must change the value of the DEVINFO_PATH variable to point it to the physical path of the OpenDevInfoCore folder.
- Application (folder) – This contains all the PHP files.
- Application/config/app_config.php – This file contains the database connection details, such as host, username and password.
- Application/config/customConstants - This file contains global variable definitions.
- A typical webservice URL is as follows:
<http://devinfo.info/opendevinfo/OpenDevInfoWebService/service.php?C=utilityLocal&M=getGalleyXML>. C represents the controller name and M represents the function in the controller that outputs the XML.
- OpenDevInfoWebService/fpdf - This folder is used to generated the PDF downloads. It should be in the PATH to be accessible by PHP.
- The OpenDevInfoWebService/stock folder should have write permissions. This folder is used to store temp data.
- OpenDevInfoWebService/stock/database/availDatabases.xml – This file contains the details of the databases available to the front-end user.