

# Ofbiz as a development framework - release 9.04

## Overview

This page is a work-in-progress to document my progress in separating the ofbiz core from the rest of the applications to allow users to focus on using ofbiz as a standalone development framework.

## Why?

Ofbiz is a very productive framework for creating enterprise applications. However, installing ofbiz with all of it's OOTB functionality just to use ofbiz as a development framework is a waste of resources. Also, newcomers to ofbiz may be put off by the complexity of ofbiz OOTB.

## Ofbiz 9.04

I have chosen to base my instructions on Ofbiz 9.04 and not trunk because 9.04 is stable. Learning a new technology is always easier when working in a stable environment.

Download, install and setup 9.04. If you are unsure how to proceed with this, I recommend reading the [ofbiz beginners tutorial](#)

Comment out the following components in \$OFBIZ\_HOME/applications/component-load.xml

```
<component-loader xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="http://ofbiz.apache.org/dtds/component-loader.xsd">
  <load-component component-location="commonext"/><!-- common component used by most other components -->
<!--
  <load-component component-location="party"/>
  <load-component component-location="securityext"/>
  <load-component component-location="content"/>
  <load-component component-location="workeffort"/>
  <load-component component-location="product"/>
  <load-component component-location="manufacturing"/>
  <load-component component-location="accounting"/>
  <load-component component-location="humanres"/>
  <load-component component-location="order"/>
  <load-component component-location="marketing"/>
-->
</component-loader>
```

Comment out the following components in \$OFBIZ\_HOME/specialpurpose/component-load.xml

```
<component-loader xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="http://ofbiz.apache.org/dtds/component-loader.xsd">
<!--
  <load-component component-location="ecommerce"/>
  <load-component component-location="pos"/>
  <load-component component-location="hhfacility"/>
  <load-component component-location="assetmaint"/>
  <load-component component-location="cmssite"/>
  <load-component component-location="projectmgr"/>
  <load-component component-location="oagis"/>
  <load-component component-location="googlebase"/>
  <load-component component-location="ebay"/>
  <load-component component-location="myportal"/>
  <load-component component-location="webpos"/>
-->
  <!-- <load-component component-location="workflow"/> -->
  <!-- <load-component component-location="shark"/> -->
</component-loader>
```

Comment out the following compents in \$OFBIZ\_HOME/framework/component-load.xml

```

<component-loader xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="http://ofbiz.apache.org/dtds/component-loader.xsd">
  <load-component component-location="geronimo"/>
  <load-component component-location="entity"/>
  <load-component component-location="catalina"/>
  <!-- <load-component component-location="jetty"/> -->
  <load-component component-location="security"/>
  <load-component component-location="datafile"/>
  <load-component component-location="minilang"/>
  <load-component component-location="common"/>
  <load-component component-location="service"/>
  <load-component component-location="entityext"/>
  <load-component component-location="bi"/>
  <load-component component-location="webapp"/>
  <load-component component-location="guiapp"/>
  <load-component component-location="widget"/>
  <load-component component-location="appserver"/>
  <load-component component-location="testtools"/>
  <load-component component-location="webtools"/>
  <load-component component-location="webslinger"/>
  <load-component component-location="images"/>
  <!-- <load-component component-location="example"/>-->
  <!-- <load-component component-location="exampleext"/>-->
</component-loader>

```

Next run the ant target "run-install" and "create-admin-user-login" to populate the database.

If you now startup ofbiz (e.g. using startofbiz.bat/startofbiz.sh) and go to <https://localhost:8443/webtools> and login as "admin / ofbiz", you will find that only the core components are loaded.

At this stage, you don't have a mechanism for adding user logins or for setting user permissions. This functionality will need to be created.

More to follow...

- Creating/Porting CRUD screens for:
  - User Login
  - Security Group
  - Party/Organisation

## See also

There is a longer term effort looking at separating the framework, see [Framework-only+distribution Ofbiz as a development framework - release 10.04](#)