## Instructions

### Pre-Requisites

* Sakai 2.6.1 or higher
* Fedora 3.4 or higher repository configured with:
  + API-A, API-M allowed for external access
  + Hydra Content Model objects pre-populated

### Compile and Install

The following advice assumes a Windows Tomcat server system; change paths accordingly on a Linux /Solaris/Apache system. Also there is a Hull-specific adaption of the code in the SakaiHull subfolder of the GitHub source repository https://github.com/uohull/clif-sakai(see CLIF final report for further details)

1. If wanting a brand new vanilla 2.6.1 download full source for sakai-2.6.1 and kernel-1.0.12,else proceed to step
2. Into another directory download source from

https://github.com/uohull/clif-sakai

1. For a brand new 2.6.1 vanilla install, copy sakai-2.6.1 &kernel-1.0.12 subfolders over vanilla folders ...for all other Sakai versions either
   1. Use a merge tool such as WinMerge to merge the two folder structures together, and handle any conflicts by manually editing the conflicting files
   2. Use a tool such as TortoiseSvn to generate a unified diff between the two folder structures and apply the resultant patch
2. Using Maven (version 2.2-1 was used here), build Sakai and Sakai Kernel in the normal way :

e.g mvn clean sakai:deploy -Dmaven.tomcat.home=c:\apache-tomcat-5.5.28

1. Due to a fault with the Maven POMs for deploy you may find you need to manually copy some of the jars within C:\apache-tomcat-5.5.28\components\sakai-content-chh-pack\WEB-INF\lib to C:\apache-tomcat-5.5.28\components\sakai-kernel-component\WEB-INF\lib before starting the apache web server.
2. Before starting Apache or Tomcat add the following to the sakai.properties file :

content.useCHH=true // this enables the Mountpoint functionality

1. Create a new blank site for accessing resources in Fedora and include in that site the standard resources tool
2. Create a new specific site for accessing the Fedora repository and In the resources tool for that site upload a suitable mountpoint.properties file. Edit the activate mountpoint value to be 'uk.ac.uhi.it.ContentHostingHandlerImplFedora'.
3. If communications between Sakai and Fedora are successful, the user should see a list of the resources in the specified fedora collection (clif:fedora-root-collection setting).