**Purpose: To ensure a new installation of catissueSuitev2.0 can be deployed successfully**.

Pre-requisites: The software prerequisites for installation are as follows:

* Windows: Microsoft Windows XP Professional Version 2002 Service Pack 2
* Mac: 10.4.6
* Linux: Red Hat 9 or Red Hat Enterprise ES/AS 2.1 or higher
* Ant: 1.7
* JBoss: 5.1
* JDK:1.6
* Oracle: 10.2.0.2.0
* MySQL: 5.0.45
* Internet Explorer: 8.0
* Mozilla Firefox: 3.6.3
* Safari (Mac):5.0

Procedure:

1. Extract the contents of the file caTISSUE\_Suite\_v2.0\_Installable.zip to any directory. This folder will be referred to as CATISSUE\_HOME.
2. Open the file install. Properties located under CATISSUE\_HOME to edit.
3. Provide value for the configuration parameters in the install.properties file as in deployment guide.
4. For the following installation parameters set the value as provided in below table:

|  |  |
| --- | --- |
| **Property** | **Value** |
| deploy\_cas\_on\_catissue\_jboss | Set the value to TRUE |
| show.hide.forms.based.on.CPs | Set the value to TRUE |
| KeywordSearch\_Configuration | Navigate to CATISSUE\_HOME/ catissuecore-Properties/ caTissueCore\_Properties.xml. Set the value of property of KeywordSearchConfigured to TRUE. |
| email\_settings\_use\_common\_ package's\_ email\_handler | Set the value to TRUE |
| Authentication.xml configuration | Configure Washu , caGrid production and caGrid Training Idp |
| cacore.deployable.location | Keep the default location as ./cacore\_deployable |
| labelgenerator.properties | Navigate to CATISSUE\_HOME/ catissuecore-Properties/ LabelGenerator.Properties. Use the default property to auto generate labels , the value for property specimenLabelGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultSpecimenLabelGenerator  storageContainerLabelGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultStorageContainerLabelGenerator  specimenBarcodeGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultSpecimenBarcodeGenerator  storageContainerBarcodeGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultStorageContainerBarcodeGenerator  speicmenCollectionGroupLabelGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultSCGLabelGenerator  speicmenCollectionGroupBarcodeGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultSCGBarcodeGenerator  collectionProtocolRegistrationBarcodeGeneratorClass=edu.wustl.catissuecore.namegenerator.DefaultCPRBarcodeGenerator  protocolParticipantIdentifierLabelGeneratorClass=edu.wustl.catissuecore.namegenerator.ProtocolParticipantIdentifierLabelGenerator |
| Printserviceimplementor. properties | Navigate to CATISSUE\_HOME/ catissuecore-Properties/PrintServiceImplementor.properties.  Set the value for printWebServiceEndPoint to point to deployed label print server. Replace value for property specimen=edu.wustl.catissuecore.printservicemodule.SpecimenLabelPrinterImpl with  Specimen =edu.wustl.catissuecore.printservicemodule.WashuSpecimenLabelPrinterImpl. Refer the page at <https://cabig-kc.nci.nih.gov/Biospecimen/KC/index.php/Label_Printing> |

1. Edit the show.hide.forms.based.on.CPs.xml to show all default annotation forms for at all the three hooked entities that is at participant, SCG and specimen level. The XML should look like

Cps>

<CP name="ALL" override = "true">

<EntityGroup name="ALL">

</EntityGroup>

<Form name="All">

</Form>

</CP>

</Cps>

1. Go to the command prompt and change the directory to CATISSUE\_HOME/ folder.
2. Execute the following commands:

* Ant -f build.xml deploy all
* Ant -f build.xml run KeywordSearchIndexer
* Ant -f Show\_hide\_forms\_based\_on\_CPs

1. Start the application server. Login into the application.

Expected Output:

1. User should be able to login successfully.
2. Type in a keyword such as specimen label in the keyword search box, click on Keyword Search. Search should return results.
3. Verify all the annotation forms are shown for all the three hooked entities.