

[1] Make the application DistMaker enabled:

First make code changes to the application to make it “DistMaker enabled”. The following changes are required:

<p>Classes of interest: distMaker.DistMakerEngine distMaker.UpdateCheckListener</p> <p>Methods of interest: new DistMakerEngine() DistMakerEngine.checkForUpdates()</p>	<p>Create an instance of DistMakerEngine. Keep track of this instance. The constructor takes 2 arguments: (1) JFrame (typically the top frame of the application) and (2) the update site URL, referred to as the DeploySiteURL (see step 2 : Set up and define the deploy site).</p> <p><i>// In the application init step...</i> JFrame topFrame = ... updateSiteURL = new URL(...); DistMakerEngine myDME = new DistMakerEngine(topFrame, updateSiteURL);</p> <p><i>// When the end user desires to check for updates, then:</i> myDME.checkForUpdates(UpdateCheckListener.None);</p>
<p>Class of interest: distMaker.gui.MemoryConfigPanel</p> <p>Methods of interest: new MemoryConfigPanel() MemoryConfigPanel.setVisible()</p>	<p>To allow the user to change the available memory of the application, create a MemoryConfigPanel.</p> <p><i>// In the application init step...</i> MemoryConfigPanel myMCP = new MemoryConfigPanel(tmpFrame);</p> <p><i>// When the end user desires to change the memory configuration, then:</i> myMCP.setVisible(true);</p>

[2] Set up and define the deploy site:

Define the publicly accessible deploy site (URL). The deploy site will be used to host the various releases of a DistMaker enabled application and supporting JREs. This URL will be used by DistMaker enabled applications to query and check for available updates.

Associated with this deploy site is the logical file system path. Consider the following definitions:

DeploySiteUrl	Public accessible web URL. This is the “deploy site”.
DeploySitePath	Fully qualified file path folder to the DeploySiteUrl .

[3] Deploy the DistMaker application to the deploy site:

After building a DistMaker application, a top level folder (**TopLevelFolder**) will contain the following:

./delta folder	Folder containing files related to the (built) application.
./deployAppDist.py	Script used to deploy the DistMaker application to the deploySiteUrl
Platform specific packages	Platform packages built by DistMaker. These are typically downloaded and installed by end users. Once they are running the application they should be able to do an in-application update.

To deploy the application to the **DeploySiteUrl**:

TopLevelFolder/deployAppDist.py DeploySitePath

where **TopLevelFolder** → The top level folder where the DistMaker software was built

where **DeploySitePath** → Path to the DeploySiteUrl (defined in step 2)

To remove a deployed application (from the deploy site):

TopLevelFolder/deployAppDist.py DeploySitePath --remove