

# BatchGUI

## Contents

The BatchGUI is the user interface for executing NetarchiveSuite-wrapped batchjobs for performing datamining on the archive. It is currently located under the Bitpreservation-sitesection of the web-interface for NetarchiveSuite.

To be able to access these batchjobs, the system must be aware of which batchjobs are available. This is done through the settings of the GUIApplication.

A batchjob for the BatchGUI is defined by the class of the batchjob and the jar-file where it is located, and it is defined in the settings file under settings.common, where the default is the following:

```
<settings>
  <common>
    <batch>
      <batchjobs>
        <batchjob>
          <class>dk.netarkivet.common.utils.batch.ChecksumJob</class>
          <jarfile/>
        </batchjob>
        <batchjob>
          <class>dk.netarkivet.common.utils.batch.FileListJob</class>
          <jarfile/>
        </batchjob>
      </batchjobs>
    </batch>
  </common>
</settings>
```

Note that the default batchjobs does not have any specified jarfile, since they are part of the common-module in NetarchiveSuite and thus available for every application.

For adding another batchjob, you just need to define the class of the batchjob and the path to the jar-file (from the installation directory). E.g. if you have a batchjob for retrieving the mimetypes, which has the classpath batchprogs.Mimetypes located in a jar-file called batch.jar located in the directory externals, then you add the following to the settings:

```
<batchjob>
  <class>batchprogs.Mimetypes</class>
  <jarfile>externals/batch-mime.jar</jarfile>
</batchjob>
```

The example can be found here:

[batch-mime.jar](#)

If any errors or typos are within this settings, the BatchGUI will inform you about the problem when you look at the page.

