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Creating a site.properties file

The `site.properties` file tells JPF at startup time where to look for installed projects, so that it can add classpaths accordingly without you having to type off your fingers. It is a normal [Java properties](#) file, which supports a few additional things like key expansion.

While you can tell JPF at startup time where to look for `site.properties`, we recommend using the default location, which is `<user.home>/ .jpf/site.properties`. If you don't know what value the standard Java system property `user.home` has on your machine, please run the attached Java program. On Unix systems, this is your home directory.

Assuming that you installed your JPF projects under `<user.home>/projects/jpf`, a typical `site.properties` looks like this:

For Unix and OS users

```
# JPF site configuration

jpf-core = ${user.home}/projects/jpf/jpf-core

# numeric extension
jpf-numeric = ${user.home}/projects/jpf/jpf-numeric
extensions+=${jpf-numeric}
```

```
# annotation-based program properties extension
jpf-aprop = ${user.home}/projects/jpf/jpf-aprop
extensions+=,${jpf-aprop}

#... and all your other installed projects
```

For Windows Users

```
#JPF site configuration
# Windows users need to specify the full path

jpf.home = /Documents and Settings/StarBuck/workspace/jpf

#can only expand system properties at this point
jpf-core = ${jpf.home}/jpf-core

#symbolic execution extension
jpf-symbc = ${jpf.home}/jpf-symbc

#concurrent extension
jpf-concurrent = ${jpf.home}/jpf-concurrent
```

(a sample site.properties is attached to this page). Note that the "\${...}" terms are automatically expanded by JPF, i.e. you do not have to enter explicit paths.

Each installed project is defined by a "<project-name> = <project-directory>" key/value pair. The project name is the same as the repository name. Every project *except* the jpf-core needs to be added to the comma separated list of **extensions**, which is done by the "extensions +=,\${<project>}" line (note that the "+=" format is also JPF specific, and there should be no space between <key> and '+=').