

# Clazzes-Utils Home

Clazzes-Utils are the historic root of the whole clazzes.org project: A collection of java utilities using package names under org.clazzes.util.

Think of Clazzes-Utils as Clazzes.org's counterpart to Apache's commons Projects.

## Bundles Overview, source code and issue trackers

The common maven groupid is `org.clazzes.util`.

| artifactId               | public svn   | Jira         | Description   |
|--------------------------|--|--------------|---|
| aop-util                 | <a href="http://svn.clazzes.org/svn/util/trunk/aop-util/">http://svn.clazzes.org/svn/util/trunk/aop-util/</a>  | AOPUTIL      | OSGi-enabled version of org.aopalliance patterns like ProxyFactory, ThreadLocalManager and JDBC interceptors. |
| clazzes-parent           | <a href="http://svn.clazzes.org/svn/util/trunk/clazzes-parent/">http://svn.clazzes.org/svn/util/trunk/clazzes-parent/</a>  |              | Parent project for all org.clazzes.util bundles and many other org.clazzes bundles                            |
| clazzes-util             | <a href="http://svn.clazzes.org/svn/util/trunk/clazzes-util/">http://svn.clazzes.org/svn/util/trunk/clazzes-util/</a>  | CLAZZES UTIL | <b>The initial collection of utils, covering a whole range of areas.</b>                                      |
| comparators-util         | <a href="http://svn.clazzes.org/svn/util/trunk/comparators-util/">http://svn.clazzes.org/svn/util/trunk/comparators-util/</a>  | COMPUTIL     | Some comparators  |
| http-aop-util            | <a href="http://svn.clazzes.org/svn/util/trunk/http-aop-util/">http://svn.clazzes.org/svn/util/trunk/http-aop-util/</a>  | HTTPAOP      | ?   |
| http-util                | <a href="http://svn.clazzes.org/svn/util/trunk/http-util/">http://svn.clazzes.org/svn/util/trunk/http-util/</a><br>Ancient origin: <a href="http://svn.clazzes.org/svn/httputils/trunk/httputils">http://svn.clazzes.org/svn/httputils/trunk/httputils</a> | HTTPUTIL     | Utils for HTTP services, i.e. an (obsolete) <a href="#">HttpLoginService</a>                                  |
| jpa-util, jpa-util-agent | <a href="http://svn.clazzes.org/svn/util/trunk/jpa-util/">http://svn.clazzes.org/svn/util/trunk/jpa-util/</a> ,<br><a href="http://svn.clazzes.org/svn/util/trunk/jpa-util-agent/">http://svn.clazzes.org/svn/util/trunk/jpa-util-agent/</a>               |              | JPA utilities for OSGi-containers, deprecated project.  |
| maven-antenna-plugin     | <a href="http://svn.clazzes.org/svn/util/trunk/maven-antenna-plugin/">http://svn.clazzes.org/svn/util/trunk/maven-antenna-plugin/</a>  |              | ?   |
| optional                 | <a href="http://svn.clazzes.org/svn/util/trunk/optional/">http://svn.clazzes.org/svn/util/trunk/optional/</a>  |              | ???   |
| osi-layer                | <a href="http://svn.clazzes.org/svn/util/trunk/osi-layer/">http://svn.clazzes.org/svn/util/trunk/osi-layer/</a>  |              | ?   |
| sched-util               | <a href="http://svn.clazzes.org/svn/util/trunk/sched-util/">http://svn.clazzes.org/svn/util/trunk/sched-util/</a>  | SCHEDUTIL    | Scheduling utils, i.e. for recurring cleanup tasks  |
| sql-util                 | <a href="http://svn.clazzes.org/svn/util/trunk/sql-util/">http://svn.clazzes.org/svn/util/trunk/sql-util/</a>  | SQLUTIL      | SQL Utils. See <a href="#">Use of HiLoGenerator</a> and <a href="#">JDBC2XML</a> .                            |
| jdbc-provider            | <a href="http://svn.clazzes.org/svn/util/trunk/jdbc-provider/">http://svn.clazzes.org/svn/util/trunk/jdbc-provider/</a>  | JDBCPROV     | See <a href="#">Multi-DataSource pooling with JDBC-Provider</a> .   |

Some obsolete or incomplete code is not linked above, feel free to browse the complete trunk at <http://svn.clazzes.org/svn/util/>.

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