

IHMC Commons Documentation

README.md

develop LIBS/ihmc-commons

IHMC Commons

Useful tools and utilities that extend Java, Apache Commons Lang, and Apache Commons IO to make them a little more accessible and non-intrusive.

Download

In your build.gradle:

```
compile group: "us.ihmc", name: "ihmc-commons", version:
```

ihmc-commons 0.5.0

```
testCompile group: "us.ihmc", name: "ihmc-commons-testing", version:
```

ihmc-commons 0.5.0

What's Included

Dependencies

- Apache Commons Lang 3
- Apache Commons I/O
- IHMC's Log Tools logging library providing setting log level from CLI

Main Distribution

- File and Path tools that interface using Java's NIO.2 API.
- Minimal Stopwatch with friendly API.
- Commonly needed conversions. (Data information units, etc.)
- Epsilons for explicitness and convenience.
- Functional exception handling including one-liner option.
- Recycling and preallocated lists, deque.
- Tools to increase threading safety.
- Tools for defining time intervals.

Testing Distribution

- Support for mutation testing and displaying the results in your browser.
- Tools for running parallel continuous integration tests in the cloud.
- Extra assertions. (assertSerializable, assertExceptionThrown, etc.)
- Tools for allocation testing. (Filtering on top of google/java-allocation-instrumenter)

Contributing

This build requires Gradle 5.0+.

This library aims to be small, lightweight, and stable with minimal dependencies. Pull requests will be heavily reviewed.

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