

Coregrid: Contribution to WP3

- HPC lab at ISTI-CNR
- Close partnership with University of Pisa



People

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ISTI-CNR: International Projects

- NextGrid
- FIRB Grid.it
- MUIR 5%
- CRMPA



- **GRIDLE: Google-Like Ranking, Indexing and Discovery in a Link-based Ecosystem of Software Components (SC)**
- **Goal**
 - To collect and rank available SC on the Internet
 - Allowing free-text and rank-based search

Rank (for Java classes)

- Link from class A to class B if class A uses class B in its interface
- Source code is not strictly needed
- We can build a ComponentRank similar to Google's PageRank



Find high-relevance Java classes out of a repository of **7700 elements!!!**

QUERY: RESULTS:
Sort by [Class Rank](#) or [TF.IDF](#)

SORTED BY CLASS RANK



[PrintWriter \(Java 2 Platform SE 5.0\)](#)

Class Path: java.io.PrintWriter

... The output will be written to the **file** and is **buffered.csn** - The name of a supportedHREF="../../java/nio/charset/Charset.html" title="class in java.nio.charset"> charsetThrows: HREF="../../java/io/ **file**NotFoundException.html" title="class in java.io"> **file**NotFoundException - If the given string does not denote an existing, writable regular **file** and a new regular **file** of that name cannot be created, or if some

...
<http://java.sun.com/j2se/1.4.2/docs/api/java/io/PrintWriter.html>
Score: 35.75 - [Cached copy](#) - [Class Graph](#)



[PrintStream \(Java 2 Platform SE 5.0\)](#)

Class Path: java.io.PrintStream

... The output will be written to the **file** and is **buffered.csn** - The name of a supportedHREF="../../java/nio/charset/Charset.html" title="class in java.nio.charset"> charsetThrows: HREF="../../java/io/ **file**NotFoundException.html" title="class in java.io"> **file**NotFoundException - If the given **file** object does not denote an existing, writable regular **file** and a new regular **file** of that name cannot be created, or if ...

...
<http://java.sun.com/j2se/1.4.2/docs/api/java/io/PrintStream.html>
Score: 35.50 - [Cached copy](#) - [Class Graph](#)