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This is the Jackson Json-processor package. Project home page can be found from:

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which also has links to support forums such as mailing lists, as well
as links to obtain source code and binary artifacts.

=== Functionality ===

Jackson implements functionality for:

* Reading (parsing) and writing (generation) of JSON content
* Data-binding (data-mapping, de-serialization) support to allow for converting between JSON and Java objects
* Support for converting to/from other data formats and access APIs, to improve interoperability.

=== Requirements ===

Jackson can be used on standard J2SE 1.5 platform. Some effort is made to support other non-standard platforms as well.

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1)
This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, Fortran 95, Java, Objective-C, Objective-C++, and Treelang compilers, documentation, and support libraries.  In addition, Debian provides the gdc compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/  (for full releases)
svn://gcc.gnu.org/svn/gcc/          (for prereleases)
http://bitbucket.org/goshawk/gdc   (for D)

The current gcc-4.5 source package is taken from the SVN gcc-4_5-branch.

Changes: See changelog.Debian.gz
Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

<table>
<thead>
<tr>
<th>Language</th>
<th>Compiler package</th>
<th>Library package</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ada</td>
<td>gnat-4.5</td>
<td>libgnat-4.5</td>
<td>gnat-4.5-doc</td>
</tr>
<tr>
<td>C</td>
<td>gcc-4.5</td>
<td></td>
<td>gcc-4.5-doc</td>
</tr>
<tr>
<td>C++</td>
<td>g++-4.5</td>
<td>libstdc++6</td>
<td>libstdc++6-4.5-doc</td>
</tr>
<tr>
<td>D</td>
<td>gdc-4.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fortran 95</td>
<td>gfortran-4.5</td>
<td>libgfortran3</td>
<td>gfortran-4.5-doc</td>
</tr>
<tr>
<td>Java</td>
<td>gcj-4.5</td>
<td>libgcj10</td>
<td>libgcj-doc</td>
</tr>
<tr>
<td>Objective C</td>
<td>gobjc-4.5</td>
<td>libobjc2</td>
<td></td>
</tr>
<tr>
<td>Objective C++</td>
<td>gobjc++-4.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

<table>
<thead>
<tr>
<th>Language</th>
<th>Sources</th>
<th>Development</th>
<th>Debugging</th>
<th>Position-Independent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C++</td>
<td></td>
<td>libstdc++6-4.5-dbg</td>
<td>libstdc++6-4.5-pic</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>libphobos-4.5-dev</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Java</td>
<td></td>
<td>libgcj10-src</td>
<td>libgcj10-dev</td>
<td>libgcj10-dbgs</td>
</tr>
</tbody>
</table>

Additional packages include:

All languages:
libgcc1, libgcc2, libgcc4  GCC intrinsics (platform-dependent)
gcc-4.5-base  Base files common to all compilers
gcc-4.5-soft-float  Software floating point (ARM only)
gcc-4.5-source  The sources with patches

Ada:
libgnatvsn-dev, libgnatvsn4.5  GNAT version library
libgnatprj-dev, libgnatprj4.5  GNAT Project Manager library

C:
cpp-4.5, cpp-4.5-doc  GNU C Preprocessor
libmudflap0-dev, libmudflap0  Library for instrumenting pointers
libssp0-dev, libssp0            GCC stack smashing protection library
fixincludes                     Fix non-ANSI header files
protoize                        Create/remove ANSI prototypes from C code

Java:
gij                             The Java bytecode interpreter and VM
libgcj-common                   Common files for the Java run-time
libgcj10-awt                     The Abstract Windowing Toolkit
libgcj10-jar                     Java ARchive for the Java run-time

C, C++, and Fortran 95:
libgomp1-dev, libgomp1GCC OpenMP (GOMP) support library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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gcc/tsystem.h, gcc/typeclass.h).
- libdecnumber
- libgomp
- libssp
- libstdc++-v3
- libobjc
- libmudflap
- libgfortran
- The libgnat-4.5 Ada support library and libgnatvsn library.
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Version 3.1, 31 March 2009

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D:
gdc-4.5                         GNU D Compiler
libphobos-4.5-dev               D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
- d/dmd/*

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The Zlib data compression library:
- d/phobos/etc/c/zlib/*
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The Phobos standard runtime library:
- d/phobos/*

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