

# Boost: Java Primordial Class Library (developed by LeapStream / NetStorm)

## Overview

**Boost** is a collection of low-level Java interfaces and classes that provide enhanced implementations of the most common [java.lang.Object](#)<sup>1</sup> methods, e.g *toString()*, *equals()* and *hashCode()*. Especially useful for application classes that are data structural in nature. Using [au.net.netstorm.boost.primordial.Primordial](#) as your base class, saves you having to provide custom implementations of those well-known Object methods, over and over again. Primordial works by using [Java Reflection](#)<sup>2</sup> to *automagically*<sup>3</sup> do the job for you !

**Boost** was created by Greg Davis of [LeapStream](#)<sup>4</sup> / [NetStorm](#)<sup>5</sup>, based on his experience over several commercial Agile projects. Boost is also a test-case for [agile development](#)<sup>6</sup> strongly influenced by the [eXtreme Programming \(XP\) methodology](#)<sup>7</sup>, but with some additional or in some cases *more extreme* project guidelines that [LeapStream](#)<sup>8</sup> / [NetStorm](#) calls [Sustainable Software Development \(SSD\)](#)<sup>9</sup>. One of the non-negotiable rules is 100% test coverage !

**Boost** is hosted by [Geekscape](#)<sup>10</sup>, where [XPlanner](#)<sup>11</sup>, [Subversion](#)<sup>12</sup> (SVN), [Cruise Control](#)<sup>13</sup>, [Trac](#)<sup>14</sup> and [Daisy](#)<sup>15</sup> are used to support the development effort by a geographically dispersed set of developers.

## Artifacts / Downloads

### NOTE

2006-02-21: Public read-only access to the following **Boost** project services is available using a username of "**boost**" and a password of "**boost**".

<ul style="list-style-type: none"><li>• <a href="#">Boost XPlanner project management</a><sup>16</sup></li><li>• <a href="#">Skelter XPlanner project management</a><sup>17</sup></li><li>• <a href="#">Subversion web view</a><sup>18</sup> and <a href="#">svn client access</a><sup>19</sup></li><li>• <a href="#">Cruise Control build system artifacts and reports</a><sup>20</sup> (most recent build, test coverage)</li></ul>		<p>Boost developers use a permanently mounted LCD screen to monitor every build that is a result of every single source code check-in.</p> <p><i>Image courtesy Greg Davis (<a href="#">LeapStream</a><sup>23</sup> / <a href="#">Netstorm</a>)</i></p>
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1. <http://java.sun.com/j2se/1.5.0/docs/api/java/lang/Object.html>
2. <http://java.sun.com/docs/books/tutorial/reflect>
3. <http://en.wikipedia.org/wiki/Automagically>
4. <http://leapstream.com.au>
5. <http://netstorm.net.au>
6. [http://en.wikipedia.org/wiki/Agile\\_Software\\_Development](http://en.wikipedia.org/wiki/Agile_Software_Development)
7. <http://extremeprogramming.org>

8. <http://leapstream.com.au>
9. <http://www.sustainablesoftwaredevelopment.com>
10. <http://geekscape.org>
11. <http://xplanner.org>
12. <http://subversion.tigris.org>
13. <http://cruisecontrol.sourceforge.net>
14. <http://edgewall.com/trac/>
15. <http://cocoondev.org/daisy/index.html>
16. <https://geekscape.org/xplanner/do/view/project?oid=388>
17. <https://geekscape.org/xplanner/do/view/project?oid=2493>
18. <https://geekscape.org/trac/boost/browser>
19. <https://geekscape.org/svn/boost>
20. <https://geekscape.org/cruisecontrol/buildresults/boost>
23. <http://leapstream.com.au>

<ul style="list-style-type: none"> <li>• <a href="#">Boost developer email list subscription</a><sup>22</sup></li> </ul>		
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**Support**

If you are interested in using **Boost** or **Sustainable Software Development**<sup>24</sup>, please contact --<sup>25</sup>

**Notices**

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**Fields**

Name	Value
Type	Hosted software development

21. <https://geekscape.org/trac/boost>

22. <http://xp-ssd.com/mailman/listinfo/boost>

24. <http://www.sustainablesoftwaredevelopment.com>

25.

<mailto:boost@netstorm.net.au?subject=Sustainable%20Software%20Development%20%28via%20Geekscape%29>

26. <http://netstorm.net.au>

27. <http://www.apache.org/licenses/LICENSE-2.0.html>

28. <http://creativecommons.org/licenses/by-nc-sa/2.5/>

29. <http://creativecommons.org/licenses/by-nc-sa/2.5/>