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## 1.1 Boost 1.45

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```

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```

```
// this module is derived from simplexml.cpp - an example shipped as part of
```

```
// the spirit parser. This example contains the following notice:
```

```
/*=====
```

```
simplexml.cpp
```

```
Spirit V1.3
```

```
URL: http://spirit.sourceforge.net/
```

```
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=====*/
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Fri Aug 15 16:29:47 EDT 1997

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+++++

```
/* Boost example/findroot_demo.cpp
 * find zero points of some function by dichotomy
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```

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* jQuery TOC Plugin v1.1.x based on
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*
* 2009-10-04, guwi17: modified and extended to meet uBLAS' needs
*/
/*=====
Boost.Wave: A Standard compliant C++ preprocessor library
http://www.boost.org/

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The tests included in this file were initially taken from the mcpp V2.5
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/\* Boehm, May 13, 1994 9:50 am PDT \*/

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\*/

/\*

\* regcomp and regexec -- regsub and regerror are elsewhere

\*

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\*\*\* THIS IS AN ALTERED VERSION. It was altered by John Gilmore,

\*\*\* hoptoad!gnu, on 27 Dec 1986, to add \n as an alternative to |

\*\*\* to assist in implementing egrep.

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```

*** hoptoad!gnu, on 27 Dec 1986, to add \< and \> for word-matching
*** as in BSD grep and ex.
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*** hoptoad!gnu, on 28 Dec 1986, to optimize characters quoted with \.
*** THIS IS AN ALTERED VERSION. It was altered by James A. Woods,
*** ames!jaw, on 19 June 1987, to quash a regcomp() redundancy.
*** THIS IS AN ALTERED VERSION. It was altered by Christopher Seiwald
*** seiwald@vix.com, on 28 August 1993, for use in jam. Regmagic.h
*** was moved into regexp.h, and the include of regexp.h now uses "'s
*** to avoid conflicting with the system regexp.h. Const, bless its
*** soul, was removed so it can compile everywhere. The declaration
*** of strchr() was in conflict on AIX, so it was removed (as it is
*** happily defined in string.h).
*** THIS IS AN ALTERED VERSION. It was altered by Christopher Seiwald
*** seiwald@perforce.com, on 20 January 2000, to use function prototypes.
*
* Beware that some of this code is subtly aware of the way operator precedence
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* syntax might require a total rethink.
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