

# Javadoc To CHM

André Burgaud

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Javadoc To CHM is a Python tool that generates Microsoft HTML Help projects files from a Javadoc documentation. It generates the project file (*.HHP*), the contents file (*.HHC*) and the index file (*.HHK*). After having generated the HTML project files, `Jd2chm` invokes the Microsoft HTML Help Compiler (`hhc.exe`) with the project file (*.HHP*) as parameter in order to build the Compiled HTML file (*.CHM*).

Although still relevant, this article is about **jd2chm** until version 0.3. More recent versions of `jd2chm` are available on GitHub.

## Summary

- **Product Name:** JavadocToCHM (a.k.a. `jd2chm`)
- **Version:** 0.3
- **Operating System:** Win32
- **Date:** 06/18/2004
- **License:** Open Source, MIT License
- **Download binaries:** `jd2chm_exe_03.zip`
- **Download sources:** `jd2chm_py_03.zip`

## Screenshot

### Notes About Jd2chm Version 0.3

Jd2chm 0.3 does not have a documentation other than the following sections. You can also access the slightly outdated `jd2chm 2.0` documentation, `jd2chm_doc.html`, or `jd2chm02.pdf`. Feel free to contact the author if you have any question.

## Features

Jd2chm 0.3 includes many improvements. Here is a brief list of the new Jd2chm features and improvements:

- Distributed in two formats:
  - Python script, `[jd2chm_py_03.zip]`([https://www.dropbox.com/s/i71naq2l6v14ct3/jd2chm\\_py\\_03.zip?dl=1](https://www.dropbox.com/s/i71naq2l6v14ct3/jd2chm_py_03.zip?dl=1)), for those who already have Python installed on their computer
  - Win32 executable version, `jd2chm_exe_03.zip`
- The executable version was prepared with the McMillan Installer. See section **Resources** for related resources
- Script compatible with Python 2.2 and 2.3
- Performance improvement: the parsing does not use any more the HTML parser but only regular expressions
- The Microsoft HTML Help Compiler is required (see Javadoc To CHM Resources)
- Detection of the Microsoft HTML compiler
- Starts automatically the CHM compilation
- Moving the full JDK Javadoc API to a temporary directory is not needed any more
- Tested successfully against the Javadoc APIs from both J2SE 1.4.2 and J2SE 1.5.0 Beta 2

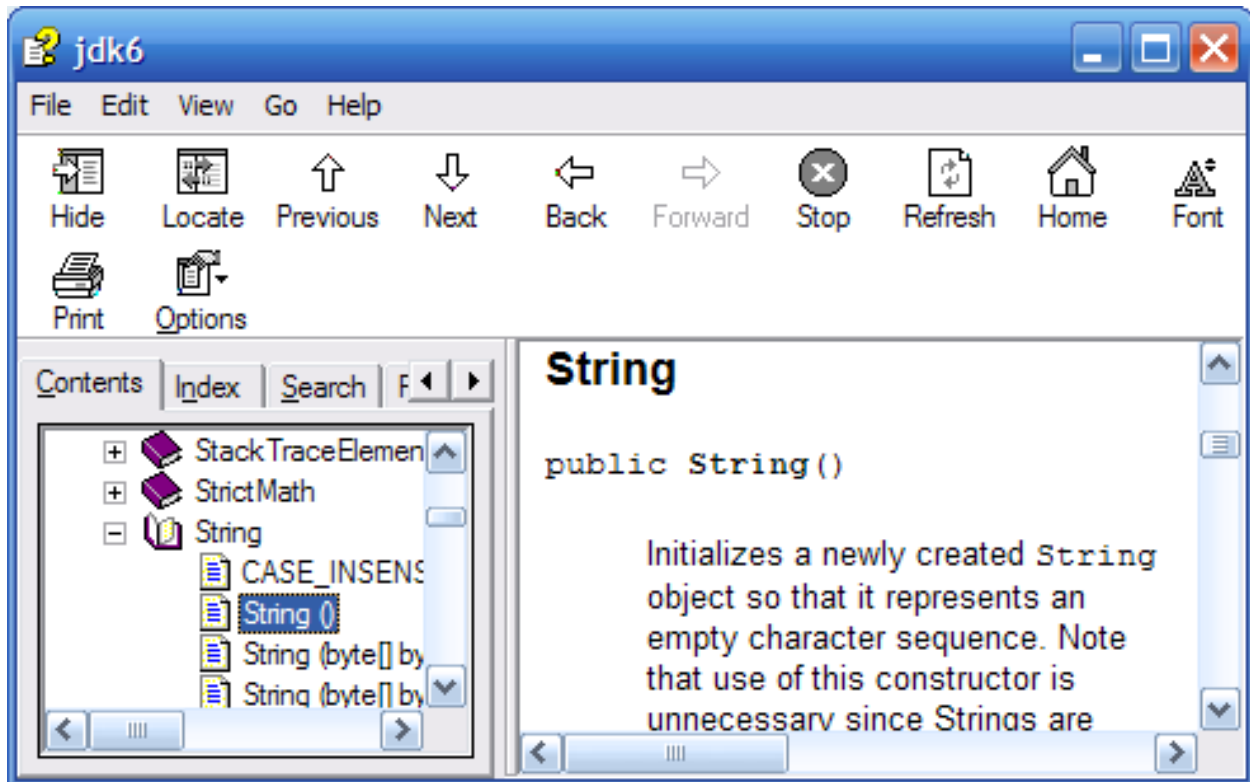


Figure 1: J2SE 6.0 - CHM file on Windows XP (generated with Jd2chm 0.3)

- The CHM Table of Contents is generated as binary for performance purpose, but the icons used can only be the default one
- The CHM Table of Contents includes the methods (was limited to the Java classes until version 0.2)
- Addition of the non public inner classes in the Table of Contents
- Light logging implementation
- The CHM files generated may be open on Linux with xCHM

## Installation

1. Download either the python script package `jd2chm_py_03.zip` or the executable package `jd2chm_exe_03.zip`
2. To install the script package, extract the 2 files from `jd2chm_py_03.zip` and copy them into a directory included in your *PATH*
3. To install the executable version, extract `jd2chm.exe` from `jd2chm_exe_03.zip` and copy this file into a directory included in your *PATH*.

## Usage

1. Open a command line in a Javadoc API directory.
2. Type `jd2chm` followed by [Enter].
3. Enter prompted informations, as in the following example:

```
C:\javadoc\beanshell>jd2chm
jd2chm Version 0.3
Copyright (c) 2000-2004 Andre Burgaud
http://www.burgaud.com
```

```
The project name will be given to:
- The HTML Help project files (.HHP, .HHK, .HHC)
- To the final CHM file
Enter the project name: bsh
The project title will be assign to the CHM window
Enter the project title: "Beanshell API"
[11-08-2005 14:21:44] INFO      Starts building the project
[11-08-2005 14:21:44] INFO      Project: bsh
[11-08-2005 14:21:44] INFO      Title: "Beanshell API"
...
```

Running the script with the option `-h` will display the usage.

## Download

File	Description
jd2chm_py_03.zip	Python script Jd2chm (requires Python 2.2 or greater)
jd2chm_exe_03.zip	Jd2chm in binary format (does not require Python to be installed on your machine)
jd2chm02.zip	Jd2chm Version 0.2
jd2chm01.zip	Jd2chm Version 0.1

## Resources

- **jd2chm\_doc.html**: Jd2chm 0.2 documentation (HTML)
- **jd2chm02.pdf**: Jd2chm 0.2 documentation (PDF)
- **javadoc to chm conversion**: Similarly to jd2chm, it converts Javadoc from HTML to CHM
- **Java documentations in Windows Help format**: You can download the full JDK documents and Java tutorials in CHM format from Franck Allimant's web site , up to Java Version 8
- **xCHM**: Makes reading CHM documents on UNIX/Linux and Mac OS X possible
- **Microsoft HTML Help Workshop**: Download the Microsoft SDK
- **Microsoft HTML Help Workshop Documentation**
- **PyInstaller**: Successor of the McMillan Installer that is no more maintained by its original author

## Legal

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