

This "README" file accompanies the twelfth release of Wraith Scheme, version 2.00, release date 22 September 2009.

Wraith Scheme is an implementation of the "R5" version of the Scheme programming language for the Apple Macintosh (trademark). Wraith Scheme was written by me, Jay Reynolds Freeman, and is copyright (c) Jay Reynolds Freeman, 2009.

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Copies of the source code for this software may be downloaded from http://web.mac.com/Jay_reynolds_freeman/My/Software.html. If you cannot find that site or have difficulty using it, contact me at

E-Mail: Jay_Reynolds_Freeman@mac.com
Web Site: http://web.mac.com/Jay_Reynolds_Freeman

Paper Mail: Jay Reynolds Freeman
Post Office Box 60628
Palo Alto, CA, 94306-0628

A copy of the GNU General Public License is available while running the program, via the Warranty and Redistribution menu item of the Wraith Scheme menu. You can also find the license on line at <http://www.gnu.org/licenses/>.

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System Requirements:

Wraith Scheme 2.00 requires an Apple Macintosh running OS X 10.6 or later, with an Intel processor that can run 64-bit applications. The application takes up less than 7 MByte of storage on disk, and can run usefully in as little as 10 MByte of memory.

This version of Wraith Scheme is a 64-bit application.

There is also a 32-bit version of Wraith Scheme available, that is universal binary, and should run equally well on Macintoshes using Intel microprocessors and on Macintoshes using PowerPC (trademark) microprocessors. You may download that version from the "Software" page of my website, whose home page URL is given above.

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Contents:

The distribution includes copies of both this "README" file and the Wraith Scheme application, "Wraith Scheme.app". (Depending on your Finder preferences settings, you may not see the ".app" extension, but you will probably see the little gray cat-face icon.)

Several other files of interest, including a copy of this "README" document, a great deal of documentation and explanatory material, and some examples of Scheme source code, are embedded within the application. You can open them from the Wraith Scheme Help Menu.

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Installation:

To install Wraith Scheme, drag the application to wherever you would like it to put it -- perhaps your "Applications" folder.

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Running the Program:

Click on the application icon, and away you go. Wraith Scheme starts by running a short demonstration program to introduce

Scheme to newcomers. When you are tired of looking at the demonstration every time the program starts, you can disable it from the "Preferences" window, which is opened by an item in the "Wraith Scheme" menu.

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Notes for this Release:

Wraith Scheme version 2.00 is a "full R5" implementation of Scheme; that is, it supports all required features of Scheme that are described in the "R5 Report":

Richard Kelsey, William Clinger and Jonathan Rees (editors), 20 February 1998. "Revised5 report on the Algorithmic Language Scheme". (Available on several Internet sites, such as <http://www.schemers.org>)

Wraith Scheme also supports many features described as optional in the R5 Report, and in addition includes some enhancements.

This release is the first release of the 64-bit version of Wraith Scheme. For details, see the section, "What's New", in the Wraith Scheme help file, which is accessible via the "Wraith Scheme Help" command in Wraith Scheme's "Help" menu.

It all too likely that someone will do things with Wraith Scheme that I didn't think to test, or tested incorrectly, and encounter a bug in the first five minutes. If that happens to you, let me hear from you. Contact information for me follows this paragraph. Seriously, bug reports from users are immensely valuable: Please send them in.

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Contact Information:

E-Mail: Jay_Reynolds_Freeman@mac.com

Personal Web Site: http://web.mac.com/Jay_Reynolds_Freeman

Check the "Software" page of my web site from time to time for newer releases and additional information.

I would love to hear from anyone using Wraith Scheme.

-- Jay Reynolds Freeman