Comments on the Wraith Scheme Source Distributions:
by Jay Reynolds Freeman -- Jay_Reynolds_Freeman@mac.com

In order from oldest to newest:

1) I released the distribution six days early. I did not change the posted
release day on my web site because there are several places in the
documentation where that date is mentioned, and I wanted everything to be
consistent.

2) There is one kind of error in path and file names that is very hard for
me to check. Under MacOS, file and path names are not case sensitive.
Thus to the Macintosh, "/Users/JayFreeman/foo" and "/Users/JayFreeman/Foo"
are the same path. That means that if I have made a capitalization error
in any path or file name in the released distribution, and you try to use
that distribution on another Unix implementation, there will probably be
some error of the "file not found" variety. If you find any of these, let
me know.

3) I have released a bug-fixer, Wraith Scheme 2.01 beta, for a bug that
affects Wraith Scheme 2.00 when run on some Macintoshes. See the README
file that accompanies Wraith Scheme 2.01 beta for a description of the
source changes between Wraith Scheme 2.00 and Wraith Scheme 2.01 beta --
three lines in one file. (Wraith Scheme 2.01 beta will probably not go
non-beta; I will incorporate the source code changes into the next major
version of the 64-bit implementation of Wraith Scheme, which will probably
be 2.10).

4) I released the distribution for Wraith Scheme 2.10 six days early. I
did not change the posted release day on my web site because there are
several places in the documentation where that date is mentioned, and I
wanted everything to be consistent.

5) I released the distribution for Wraith Scheme 2.11 two days early. I
did not change the posted release day on my web site because there are
several places in the documentation where that date is mentioned, and I
wanted everything to be consistent.

6) The essence of the bug fix that required Wraith Scheme 2.11 to replace
Wraith Scheme 2.10 is three lines in the file "SchemeFunctions9.c++", in
the "source" directory. A diff of the new version of that file against the
old one follows:

```
2019,2020c2019,2020
<      sLength = position - ((Byte *)(theDescriptor->absoluteAddress) +
theOffset);
```

```
<       makeString( (Text *)(theDescriptor->absoluteAddress) + theOffset );
---
>       sLength = position - (Byte *)(theDescriptor->absoluteAddress);
>       makeString( (Text *)(theDescriptor->absoluteAddress) );
2058c2058
<       strcpy( (Text *)(theDescriptor->absoluteAddress) + theOffset, (Text*)
(R.u.a + 1) );
---
>       strcpy( (Text *)(theDescriptor->absoluteAddress), (Text*)(R.u.a +
1) );
```

7) The distribution for Wraith Scheme 2.12 contains a copy of the file
"BootstrapOperations.s" which is incomplete. A diff showing the missing
lines of code follows, and the absolute paths to the files indicated will
need to be changed to correspond to your source tree.)

```
215a216,219
>    "/Users/JayFreeman/developer/Scheme/WraithScheme.64/SchemeSource/
Compiler/ReleasedCompilerCode.s"
>    "/Users/JayFreeman/developer/Scheme/WraithScheme.64/SchemeSource/
Compiler/ReleasedCompilerCode.Expanded.s")
>
> (macroexpand-file
>
```

This issue is of substance only if you attempt to change
"ReleasedCompilerCode.s"; without the change, your modifications will not
automatically show up in new builds of Wraith Scheme. I will fix this
problem in the next release of Wraith Scheme. The file
"BootstrapOperations.s" is located in the "SchemeSource" subdirectory of
"WraithScheme.64".

8) I released the distribution for Wraith Scheme 2.13 and Pixie Scheme II
1.00 several days early. NOTE that just one distribution (disc image or
tar file) contains the software for both of these programs; they are
inextricably intertwined.

9) I have released a bug-fixer, Wraith Scheme 2.13.1, for a bug in Wraith
Scheme 2.13. See the README file that accompanies Wraith Scheme 2.13.1 for
a description of the source changes between Wraith Scheme 2.13 and Wraith
Scheme 2.13.1.