ViviFire Demo

The ViviFire programming language is alpha-level software. The parser is the only available part at this time.

Extracting files and running ViviFire

On Windows

1. Right-click the file with a name that starts with "ViviFire-demo…".

2. In the context menu, click "Extract all".

3. In the dialog that this opens, select where you want the files to be extracted. Check the checkbox if you want them shown in a new window.

4. Click the button "Extract" to complete the operation.

5. In the new folder, hold down the Shift key and right-click the background.

6. In the context menu, click "Open Powershell window here", if you can find it. (If you do not find this command, look for "Open command window here" or "Open in Terminal".)

7. In the new window, type the command that follows and press Enter.

```
.\vf hello.vfire
```

The output

This shows the tokens that make a ViviFire program. You see the token number between square brackets and the token text. An example follows:

```
[1]<13>...
[107]Require
[43]ViviFire
[5].
[43]IO
[1]<13>...
[43]PrintLine
[41]"Hello, world!"
[1]<13>...
-- 0 errors
```

The end-of-line token shows as "[1]<13>…". The first character is a carriage return (character code 13).

Three tokens have the number 43, but show different text. These are identifiers.

Some other tokens show the same as identifiers, but have different token numbers. These are reserved words, also known as keywords. Reserved words have a one-to-one relation with the token number.

If you type "vf" without a file name, it shows more options. This also shows the date this it was released.

Troubleshooting

If Windows shows the message "vf.exe has stopped working" when you first try to run it, possibly you are missing the Visual C++ redistributable.

1. Download it from aka.ms/vs/17/release/vc_redist.x86.exe.

2. Find "VC_redist.x86.exe" in your download folder and install it.

If you continue to have problems, contact the developer.

For more information

The ViviFire home page is at vivifire.com. We usually make a new release at intervals between one and two weeks.

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