



Ultra lightweight code editor and small IDE

Speare code editor: <http://sevenuc.com/en/Speare.html>

1. High performance of managing large amount of files and big files.
2. Fast search and replace in current document, selected folder, opened files and entire project.
3. Smoothly edit multiple files that written in different programming languages simultaneously.
4. Supports almost all common programming languages syntax highlighting and parsing.
5. Auto-completion, sensitively typing with keywords, live parsing symbol definition with priority.
6. Jump to definition and fast locate code lines between editing files by symbol index, bookmark or searching.
7. Unlimited go back and forward, automatically remember jump location and current editing locations.
8. Keeping entire state after quit, the opened files, selection of each file and the cursor location.
9. Customisation of fonts and colours for the text editor.
10. Full featured markdown editor, run Javascript code instantly, well support Web development.
11. Preview all kinds of files, image, pdf, office documents, audio and video etc.
12. Ultra lightweight.

Programming Language Extension Protocol for IDE

Very flexible and easily to add a new programming language parser, syntax highlighting, code formatter and debugger in Speare code editor.

Language Parser

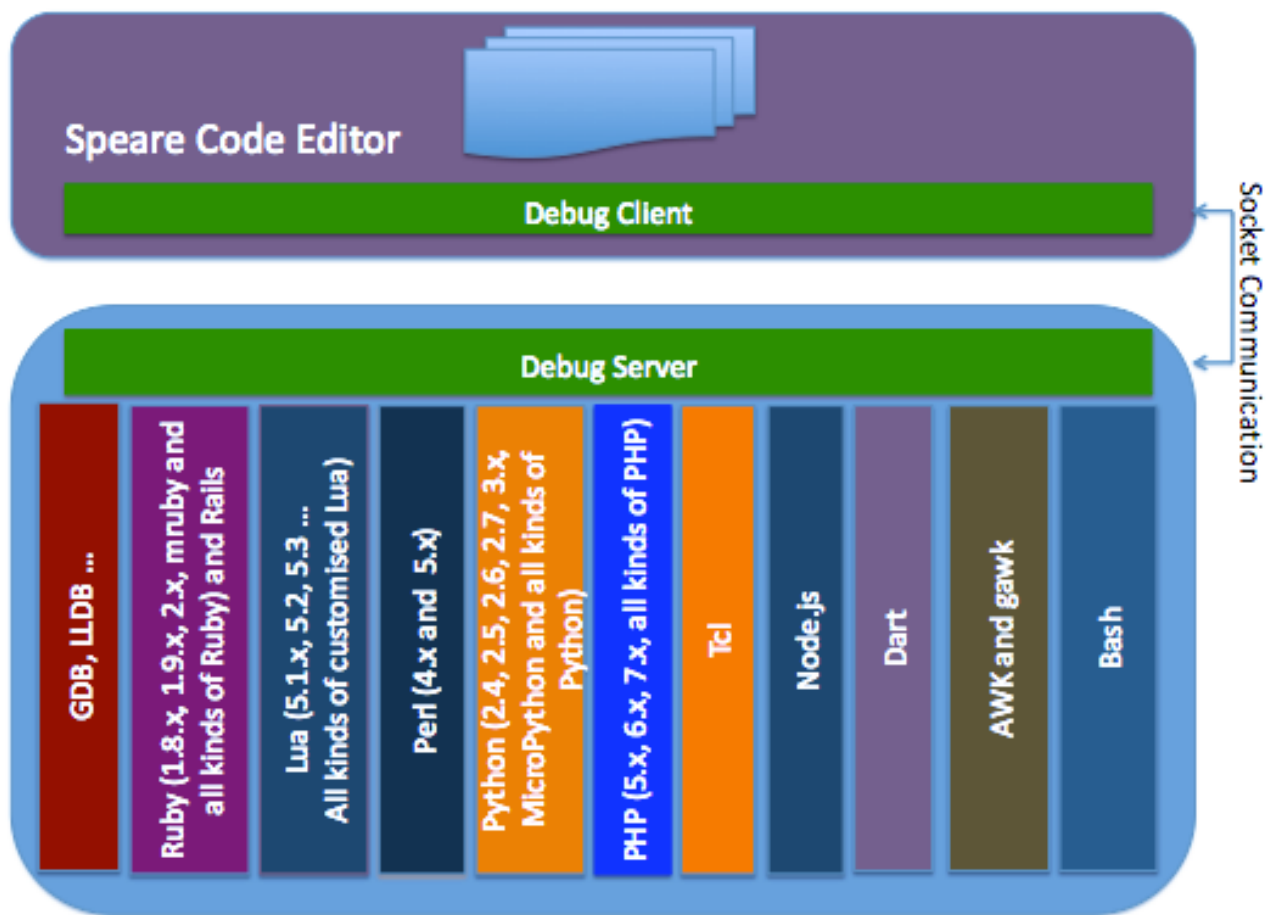
```
#!/bin/bash
# full path of the language parser
path = /usr/local/xxx/bin/xxparser
$path $1
```

Code Formatter

```
#!/bin/bash
# full path of the code formatter
path = /usr/local/xxx/bin/xxfmt
$path $1 $2
```

Programming Language and Document Types

AMPL ASM ASP **AWK** Ada **ActionScript** Active4D AnsiblePlaybook Ant Apache **Applescript** AsciiDoc Autolt Autoconf Automake **Basic** Batch Beta Bibtex **C** **C#** **C++** CMake CPrePro **CSS** Scss CUDA Clojure Cobol **CoffeeScript** ColdFusion Csound Ctags D **Dart** DTS DbusIntrospect **Diff** DosBatch PowerShell Dtd Dylan **Eiffel** Elixir Elm **Erlang** eZ Publish F-Script Falcon Flex **Forth** **Fortran** FreeFem++ Fypp GEDCOM Gdbinit Glade **Go** Gradle GraphViz Groovy **Haskell** **HTML** Haxe Header IDL ITcl Iniconf Inko JSP Java JavaFX JavaProperties **JavaScript** JSON **Julia** Kotlin Kuin LSL LaTeX LdScript Lilypond **Lisp** Logtalk **Lua** M4 MEL Makefile Man **Markdown** **MATLAB** Maven2 MetaPost Metaslang Moose MySQL Myrddin NASL NEURON Nemerle **Objective-C** Octave **Ocaml** Ox PDF **PHP** Parrot **Pascal** Passwd **Perl** **Perl6** Pig Plist Pod PostScript **Prolog** **Processing** Protobuf Puppet PuppetManifest **Python** PythonLoggingConfig QemuHX QtMoc **R** R/S-PLUS RHTML RSpec RelaxNG Rext Robot **Racket** RpmSpec Rst **Ruby** **mruby** **Rust** SGML SML **SQL** Scala **Scheme** Sedona **Shell** Slang Smalltalk Snippets Stata SuperCollider SVG **Swift** SystemTap SystemdUnit TTCN **Tcl** Tcl/Tk Tex



Debugging environment for C, C++, Ruby, mruby, Lua, Python, PHP, Perl and Tcl.

Proposed debugging environment support in Speare code editor are: GDB, LLDB, Ruby, mruby, Lua, Python, Perl, PHP, Tcl, Node.js, Dart, AWK and shell. Speare code editor provides very concise and simple interface to add new programming language in it, end user can very easily write a new programming language parser, syntax highlighting, code formatter and debugger for it, please refer this guide: [language_extension_protocol.pdf](#).