

ENSIME

things I'm excited about

ENSIME in two words

"Headless IDE"

Rationale

Fact: people are weird about their editors.

So: bring the IDE to the editor.

Getting started

```
git clone http://github.  
com/aemoncannon/ensime/master
```

See README

New stuff!

Lucene Indexer

ENSIME on ENSIME size after boot:

In-memory trie boot size: 726 MB

Lucene boot size: 315 MB

ENSIME on ENSIME boot time:

Initial: 34 seconds

Subsequent: 16 seconds

Sublime Text 2

Lots of improvement at github.com/sublimescala/sublime-ensime

Thanks to michaelpnash, casualjim, danielhopkins, Nuriaion, dcsobral, sjbwylbs,
Eugene Burmako

Sublime Text 2

Goal: get the basics working solidly.

Type checking

Goto definition

Completion

Debugging!




Debug API


:debug-start-vm
:debug-attach-vm
:debug-stop-vm
:debug-run
:debug-continue
:debug-break
:debug-clear-break
:debug-clear-all-breaks
:debug-list-breaks
:debug-next
:debug-step
:debug-step-out
:debug-value-for-name
:debug-value-for-field
:debug-value-for-stack-var
:debug-set-stack-var
:debug-value-for-id
:debug-value-for-index
:debug-backtrace
:debug-active-vm


:debug-event (:type output)
:debug-event (:type step)
:debug-event (:type breakpoint)
:debug-event (:type death)
:debug-event (:type start)
:debug-event (:type disconnect)
:debug-event (:type exception)
:debug-event (:type threadStart)
:debug-event (:type threadDeath)


Community is Awesome





Explore Gist Blog Help


 aemoncannon


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PUBLIC  aemoncannon / ensime

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Merge pull request #246 from Nuriacion/AttachDebugger [Browse code](#)


The debugger can now also attach to an already running vm. fixed #244

 aemoncannon authored 8 days ago


commit c5e115c735c5920c49e6fc484a431746e252f267

2 parents 792f069de3 + 36599898fd

 Showing 7 changed files with 186 additions and 36 deletions. [Show Diff Stats](#)

2  | project/plugins.sbt [View file @ c5e115c](#)

```
... @@ -1,1 @@
1 -addSbtPlugin("org.ensime" % "ensime-sbt-cmd" % "0.0.10")
  \ No newline at end of file
1 +addSbtPlugin("org.ensime" % "ensime-sbt-cmd" % "0.0.10")
```

51  | src/main/elisp/ensime-debug.el [View file @ c5e115c](#)

```
... @@ -54,6 +54,11 @@
54 (defvar ensime-db-default-main-class nil
55   "History of main class to debugger.")
56
57 +(defvar ensime-db-default-hostname "localhost"
58   + "History of vm hostname.")
59 +
60 +(defvar ensime-db-default-port "9999"
61   + "History of vm port.")
```

Finally, a quest fit for a true hero

Make scalac typecheck in the presentation compiler.

Thanks!