This page will document my tries to install it on current Debian unstable with support for both SQLite and MySQL. I also have ISO-8859-2 console, so it's important for me that UTF-8 encoded characters work well.

I will also try to specify differences when installing on latest Debian stable, etch.

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Contents: [Dobrica PavlinuÅ¡iÄ 's random unstructured stuff]

Links

- project page: http://code.google.com/p/semantic-engine/
- Using Latent Semantic Analysis in Bioinformatics

Development libraries

```
sudo apt-get install libboost-filesystem-dev libboost-graph-dev libboost-program-options-dev libs
```

This will install (currently) version 1.34 of boost which won't work without patching source code.

Installation

Download semantic-engine-0-compile.diff if you are installing on unstable. If not, just skip patch below.

```
svn co http://semantic-engine.googlecode.com/svn/trunk Semantic-Engine
cd Semantic-Engine
patch -p0 < ~/semantic-engine-0-compile.diff
./bootstrap
make
```

Perl bindings

Compile and install perl bindings:

```
cd pl
perl Makefile.PL
make
make test
sudo make install
cd ..
```

Shared parts

```
cd share
sudo make install
cd ..
```

QT interface

Compile and try out QT interface using following patch: semantic-engine-1-qt.diff

```
cd qt/semantic_engine/
patch -p2 < ~/semantic-engine-1-qt.diff
qmake-qt4
make
./SemanticEngine-debug
```

EPrints search using LSI

I have a little example using various tricks to index Croatian language from EPrints archive.

fetchrss: http://svn.rot13.org/index.cgi/Semantic-Engine/rss

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