PocketSphinx (and Flite)

- **Web site** : http://cmusphinx.sourceforge.net

PocketSphinx is one of Carnegie Mellon University's open source large vocabulary, speaker-independent continuous speech recognition engine.

List of requested packages :

- Sphinx Base V0.4.99 : sphinxbase-0.4.99-latest.tar.gz → 5prealpha
- Pocket Sphinx : pocketsphinx-0.5.99-latest.tar.gz → 5prealpha
- uniMRCP V1.3.0 : unimrcp-1.3.0.tar.gz
- uniMRCP deps V1.3.0 : unimrcp-deps-1.3.0.tar.gz
- Asterisk 11 : asterisk-11-current.tar.gz
- Asterisk uniMRCP V1.3.1 : asterisk-unimrcp-1.3.1.tar.gz
- Flite V2.0.0 : flite-2.0.0-release.tar

Compile the PocketSphinx :

Follow the uniMRCP documented steps : https://code.google.com/p/unimrcp/wiki/PocketSphinxPlugin

- On Debian add: python, python-dev, swig.
- Compile SphinxBase (configure + make)
- Compile PocketSphinx (configure + make)
- Compile Flite (configure CFLAGS="-fPIC" + make)
- Patch the uniMRCP with the files (in patchs/asterisk-unimrcp CVS module)
  - unimrcp/configure.ac
  - unimrcp/plugins/Makefile.am
  - unimrcp/plugins/mrcp-pocketsphinx (directory)
  - unimrcp/plugins/mrcp-pocketsphinx (directory)
  - unimrcp/build/acmacros/*.m4
- Change directory to unimrcp, and execute the bootstrap
- Compile mrcp-pocketsphinx with :
  - ./configure –enable-pocketsphinx-plugin –with-pocketsphinx=/datas/voicebrowser/pocketsphinx-5prealpha –with-sphinxbase=/datas/voicebrowser/sphinxbase-5prealpha
- Compile mrcp-flite with :
  - ./configure –enable-flite-plugin –with-flite=/datas/voicebrowser/flite-2.0.0-release CFLAGS="-fPIC"

From:
https://wiki.voximal.com/ - **Voximal documentation**

Permanent link:
https://wiki.voximal.com/doku.php?id=community:pocketsphinx&rev=1447195379

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