CppAD

This document demonstrates how to install/update CppAD as part of SPK test environment.

This document is written for members of the RFPK Software Team and associates and is specific to the computer systems and network installed in the RFPK Laboratory of the Department of Bioengineering of the University of Washington. RFPK is the Resource for Population Kinetics. Its work is supported, in part, by grant P41 EB-001975 of the National Institutes of Health (NIH) of the U.S. Department of Health and Human Services.

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Table of Contents

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Installation

1. Download current version of CppAD from the web page

   http://www.coin-or.org/CppAD/Doc/installunix.htm[2]

into /tmp on the installation machine.

2. Extraction

```
cd /tmp
tar -xvzf CppAD-yy-mm-dd.tar.gz
```

where yy is the year, mm is the month, and dd is the day (each as two decimal digits) corresponding to the version of CppAD. This will extract files into a new directory whose name is cppad-yy-mm-dd.

3. Configure

```
cd cppad-yy-mm-dd
./configure --prefix=/usr/local POSTFIX_DIR=spktest
```

4. Make

```
make
```

5. Final Installation

    ```
    su
    make install
    ```

Notes

1. http://www.opencontent.org/openpub/
2. http://www.coin-or.org/CppAD/Doc/installunix.htm