

CAnDL

The Chunky Analyzer for Dependences in Loops
Edition 0.1, for CAnDL 0.2.0
July 16th 2008

Louis-Noël Pouchet

This manual is dedicated to CAnDL version 0.2.0, a library dependence analysis of polyhedral programs.

Copyright © 2003-2008 Cedric Basoul.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 published by the Free Software Foundation. To receive a copy of the GNU Free Documentation License, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA.

Table of Contents

1	Introduction.....	1
1.1	Installation of CAnDL	1
2	Usage	3
2.1	Input file design.....	3

1 Introduction

There is a Doxygen documentation of the API available in `doc/html/doc.tar.gz`.

1.1 Installation of CAnDL

The installation of CAnDL follows the classical scheme. You can specify the path of PIPLib to the configure script with `--with-piplib`¹.

```
$> tar xzf candl-0.2.0.tar.gz
$> cd candl-0.2.0
$> ./configure --prefix=/path/to/be/installed
$> make
```

The `make check` command can be used to make a test run of CAnDL.

```
$> make check
```

The `make install` command can be used to install the library.

```
$> make install
```

¹ The configure script will automatically detect the location of dependencies if `-prefix=path/to/dir` is specified and all dependencies were installed in `path/to/dir`

2 Usage

This chapter describes briefly the input/output of CAnDL binary.

2.1 Input file design

