

# CAnDL

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The Chunky Analyzer for Dependences in Loops  
Edition 0.1, for CAnDL 0.2.0  
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Louis-Noël Pouchet

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

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# 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`<sup>1</sup>.

```
$> 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
```

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<sup>1</sup> 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

