

Compilation project

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This project is an pseudo-pascal syntax analyzer. It processes a file written in pseudo-pascal, analyzes its structure and syntax and outputs the call graph.

Prerequisites

You need to have `ocaml`, `ocamlyacc` and `ocamllex` installed.

Compile

To compile the project, type:

```
make
```

To clean it:

```
make clean
```

Use

Basic use

```
./pseudopascal my_directory/my_file.p
```

For example to process the file `input/find.p`:

```
./pseudopascal input/find.p
```

It outputs the result in `dot` syntax.

Normal use

```
./pseudopascal.sh my_file.p
```

For example to process the `input/find.p` file:

```
./pseudopascal.sh find.p
```

It compiles the project, analyzes the file, saves the result in the `my_file.p.dot` file in `dot` syntax, executes the `dot` command to obtain `my_file.p.png`, and eventually opens it.

Notes:

- Only give to the script the name of the file, not the location. It automatically searches in the `input` directory.
- The results (`dot` file and `png` file) are created in the `output` directory
- It opens the `png` result with a command depending on your os.
- It can process multiple files at once:

```
./pseudopascal.sh find.p hanoi.p
```