How to Use?

Tiger City IMX Industrial Computer with Linux OS

Tiger computer is provided with some basic software examples that can be used as a starting point for developing custom programs.

The examples are available in:

- C
- Python
- Bash

The examples are divided into categories:

- External Interfaces
- Internal Devices
- Front Panel
- TCX www

C examples

Examples written in C can be built with CMake. Put your source files into one folder and specify its name (${SRC_DIR} dir_name). Then create a CMakeLists.txt file in the parent directory (an example of this file is provided below).

CMakeLists.txt

In the parent directory create a new folder named "build" and enter it:

```
mkdir build && cd build
```

Next, configure your project using:

```
cmake ..
```

Then build your project with:

```
cmake --build .
```

After that, executable files should appear in the same folder.

```
./file_name
```

Python examples

In order to execute Python files, go to the desired directory and type:

```
python3 file_name.py
```

Bash examples

In order to execute Bash files, go to the desired directory and type:

```
bash file_name.sh
```

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