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# **ingenuous-problems-blockly Documentation**

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## About INGInious-problems-blockly

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### 1.1 Origin

This plugin is inspired by [this google repository](#)

- The `blockly` folder is a sub module from the google repository.
- The `docs` folder contains all the docs you read.
- The `ingenuous-problems-blockly` folder is more complicated. We will use a tabular to describe the origin of all files. A 'x' if it's hand made.

ingenuous-problems-blockly	from repo
templates/	x
static/blockly except blockly.js	google/blockly
static/blocklyfactory	fthuin/workspacefactory_bootstrap
static/JS-interpreter/ acorn_interpreter.js	google/blockly/demos/ interpreter/acorn_interpreter.js
static/css	x



## 2.1 Installing

```
pip3 install git+https://github.com/UCL-INGI/INGInious-problems-blockly
```

## 2.2 Activating

In your `configuration.yaml` file, add the following plugin entry:

**plugins:** - plugin\_module: "inginous-problems-blockly"

## 2.3 Updating

Some files can be automatically update via the google submodule. You just have to run the `bootstrap_blockly.py` script.

Running the script update all the file in `static/blockly` except `blockly.js`

**Be carefull about dependencies! Update the changelog with modification to do.**

NB: `static/blocklyfactory` can't be tracked because it's custom (from this [repo](#))





### 3.1 2018 Apr 14

commit ec06d866b7571728cce9ced10752f54583a8d73a

Use of audio completely different.

- **old:** `Blockly.getMainWorkspace().loadAudio_(...)` -> `Blockly.getMainWorkspace().getAudioManager().load(...)`
- **old:** `Blockly.getMainWorkspace().playAudio(...)` -> `Blockly.getMainWorkspace().getAudioManager().play(...)`



## CHAPTER 4

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### Usefull Links

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- [INGInious repository](#)
- [INGInious documentation](#)
- [INGInious exercices repository](#)
- [Google Blockly repository](#)
- [Google Blockly documentation](#)
- [Google Blockly games](#)
- [INGInious problems demo](#)
- [Blockly Developer Tools](#)



## CHAPTER 5

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### Indices and tables

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- `genindex`
- `modindex`
- `search`