# Pyxel tutorial introduction


A SHORT PRESENTATION BEFORE THE DEMONSTRATION

# Pyxel code and documentation

Pyxel versioned on Gitlab

- https://gitlab.com/esa/pyxel
- Ongoing process to make it open source, for now contact the maintainers for access.

The documentation is available

- https://esa.gitlab.io/pyxel/doc

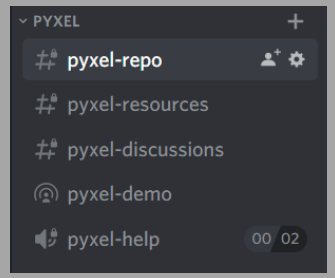
# Pyxel communication channels

Gitter for interaction between user/developer, follow Gitlab updates

- https://gitter.im/pyxel-framework

DeMo Discord

- The Pyxel section contains resources and follows the activity of the Gitlab
- Text channel and voice channel for online support



# Pyxel installation

- For the tutorials, resources are provided. Installation is not mandatory to follow.
- Standard installation procedure in the documentation
  - https://esa.gitlab.io/pyxel/doc

```
$ git clone
$ cd pyxel
$ python -m pip install -r requirements.txt
$ python -m pip install -e "[.all]"

# To get the tutorials
$ pyxel --download-examples
```

- Using binder: Use this link to start Binder in your web browser

# Tutorials

## Block #1 – 14/06/2021

- Introduction and resources
- Running Pyxel – single mode
- Adding new models

## Block #2 – 15/06/2021

- Parametric mode
- Calibration mode
- Dynamic mode