Agenda

- Getting started
- Robot Framework introduction
- Hands-on!

Getting started

Ways of working

- Presenters create examples live
- Recreating them yourself is recommended
  - Some Robot Framework and Python knowledge is needed
- Just following the presentation is fine too
- Examples created by presenters will be available at https://github.com/pekkaklarck/AutomationSTAR2025

Installations

- Python 3.10 or newer
- Robot Framework 7.0 or newer
- Editor with Python and Robot Framework support
    - VSCode or PyCharm with the RobotCode plugin is recommended

Robot Framework

Introduction

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Robot Framework in a nutshell

- Generic automation framework
- Implemented and extended with Python
- Open source with active community
- Sponsored by Robot Framework Foundation
- Home page: https://robotframework.org

Simple syntax

```
*** Test Cases ***
Valid Login
    Open Browser To Login Page
    Input Username    demo
    Input Password    mode
    Submit Credentials
    Welcome Page Should Be Open
    [Teardown]    Close Browser
```
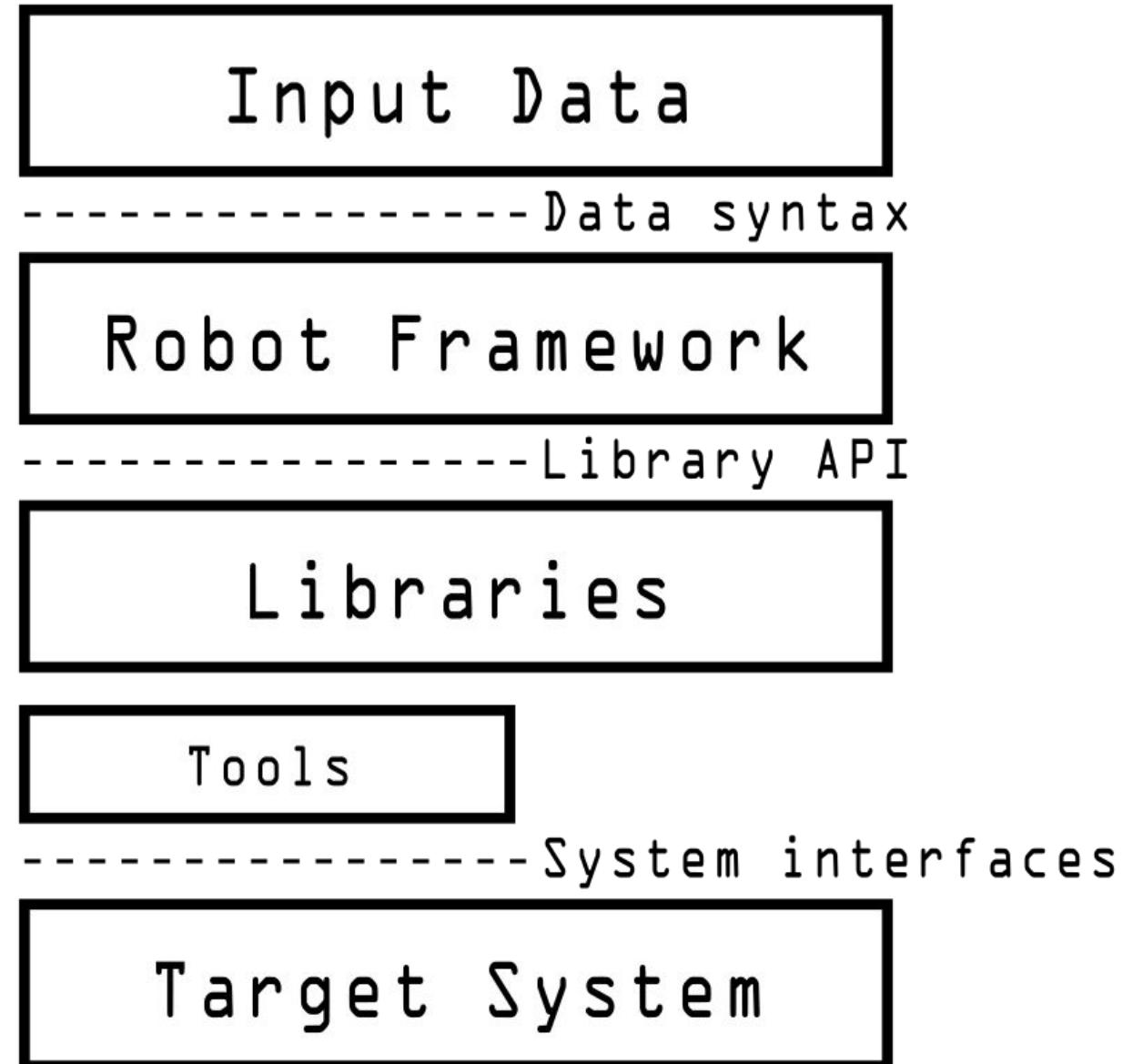
Architecture


```
+---------------------------------+
|          Input Data             |
+---------------------------------+
-------------------------Data syntax
+---------------------------------+
|        Robot Framework          |
+---------------------------------+
-------------------------Library API
+---------------------------------+
|          Libraries              |
+---------------------------------+
+-------------------+
|      Tools        |
+-------------------+
-------------------------System interfaces
+---------------------------------+
|        Target System            |
+---------------------------------+
```

Hands-on!

Questions?

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