

GUI for Thor developed using PyQt5

18 commits

3 branches

0 releases

1 contributor

CC-BY-SA-4.0

Branch: master


New pull request

Create new file

Upload files

Find File

Clone or download


 AngelLM AsgardGUI image updated

doc	AsgardGUI image updated	
LICENSE	Added LICENSE file	
README.md	1st version almost ready!	
about.py	About Window added. Exit action added.	
about.ui	About Window added. Exit action added.	
asgard.py	Feedrate fix	last year
gui.py	Feedrate fix	last year
gui.ui	Feedrate fix	last year
serial_port_finder.py	serial port finder	last year

Clone with HTTPS

Use SSH

Use Git or checkout with SVN using the web URL.

https://github.com/AngelLM/Asgard.git

Open in Desktop

Open in Visual Studio

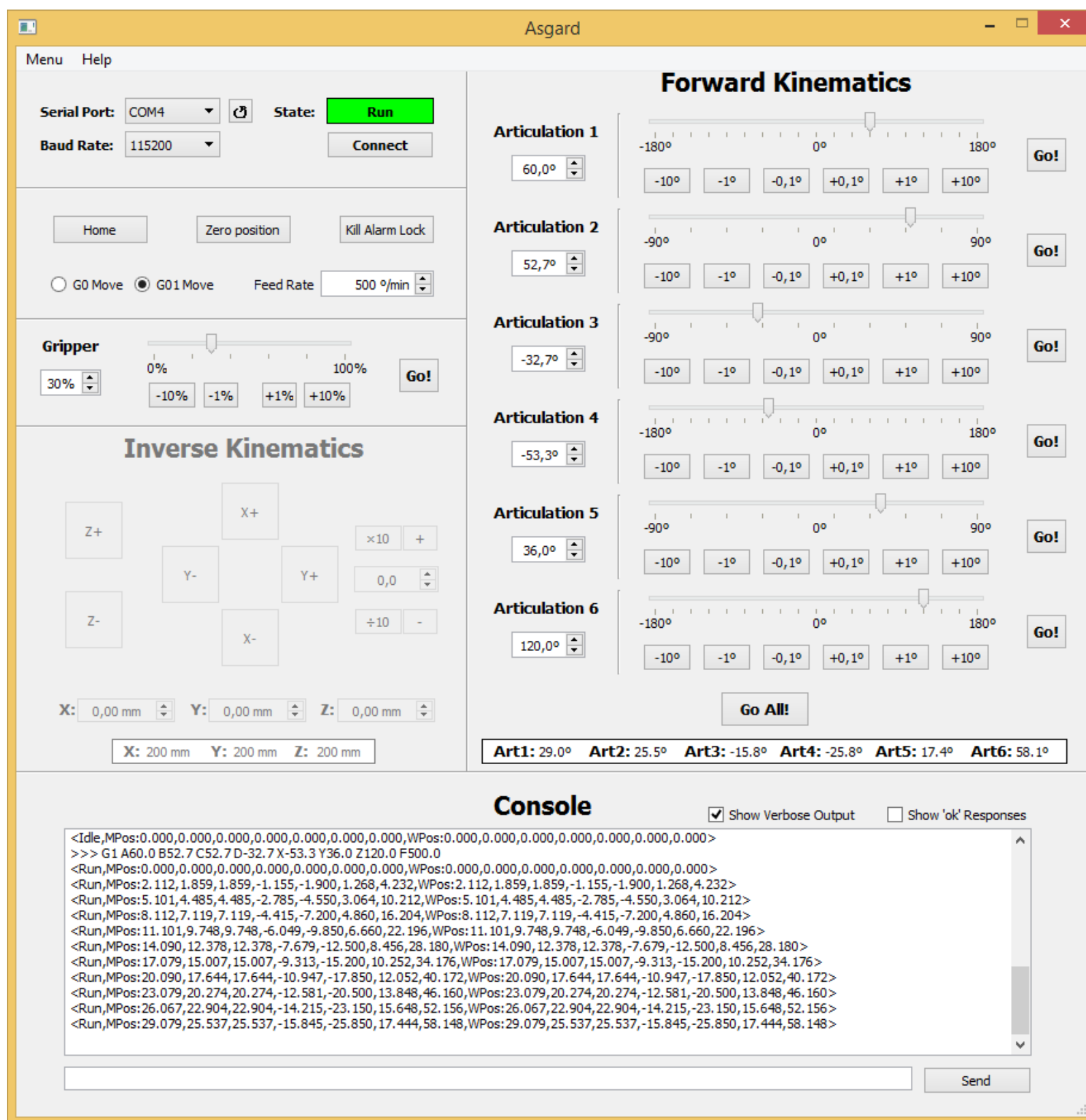
Download ZIP


 README.md

# Asgard

Asgard is a Graphical User Interface (GUI) for [Thor](#) designed and programmed with [PyQt5](#).

- Key features:
  - User-friendly Graphical Interface
  - Forward Kinematics implementation (1st version)
  - Inverse Kinematics implementation (2nd version) - *Coming soon*
  - Sequence Programmer (3rd version) - *Coming soon*
- Some things that I would want to add, but not in the short-term:
  - 3D display
  - 3D IK Controller/Sequence Programmer



## Tools and useful links

- [QtDesigner](#) - Used to design the graphical part of gui
- [Python 3.4](#) - Used to program and execute Asgard
- [SKYLOGIC PROJECTS Tutorial](#) - How to Install PyQt5 and Build Your First GUI in Python 3.4

## Thanks!

- [Stack Overflow Community](#): And not only related to this project, but also for having all the answers to all questions I had since I started programming.
- [Harrison Kinsley](#) ([sentdex](#) from [pythonprogramming.net](#)): I learned from you almost everything I know about python. Thanks for that detailed tutorials & examples!
- [Matthew Dirks](#) from [SkyLogic](#): Thank you for [this detailed tutorial](#)! It was incredible easy to make my first GUI in less than an hour following your steps!
- [Thor Community](#): For all the support and feedback given! YOU ROCK GUYS!

Do not hesitate on contributing to this project!



All files included in this repository are licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](#)