Assignment1

Basic usage of `git` and dynamic reconfigure

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1 Git

If you haven't been familiar with basic usage of `Git`, please issue the following command in your terminal:

`man git`

The manpage will guide you to `gittutorial(7)` and `giteveryday(7)`, which are great material for getting started with `Git`.

If you haven't used `man` before, you can get started with `man man`!

2 Dynamic reconfigure

Please read ROS tutorial on dynamic reconfigure and create a package named `dynamic_tutorials` with the following components:

> **Component 1 ▸ A dynamically reconfigureable node**
>
> The reconfigureable parameters should include
>
> - a `enumuration` specifying size of the polygon (distance from the center to any vertex of it in pixel).
>
> - an integer specifying number of sides of the polygon.

> **Component 2 ▸ A server**
>
> The server should
>
> - print the received parameters
>
> - render a polygon with `OpenCV`. Its shape is specified in the dynamically reconfigureable node you've written.

3 Submission

We encourage the usage of github classroom to submit your assignment. The **package** you created for the assignment is the git repository. If you meet any problems, please send emails to hcimu@umich.edu.