

The background of the slide features a deep space image of a galaxy, possibly the Andromeda Galaxy, with a bright central core and spiral arms. Overlaid on this image are several thin, light green lines that represent orbital paths or trajectories, creating a complex geometric pattern across the galaxy's structure.

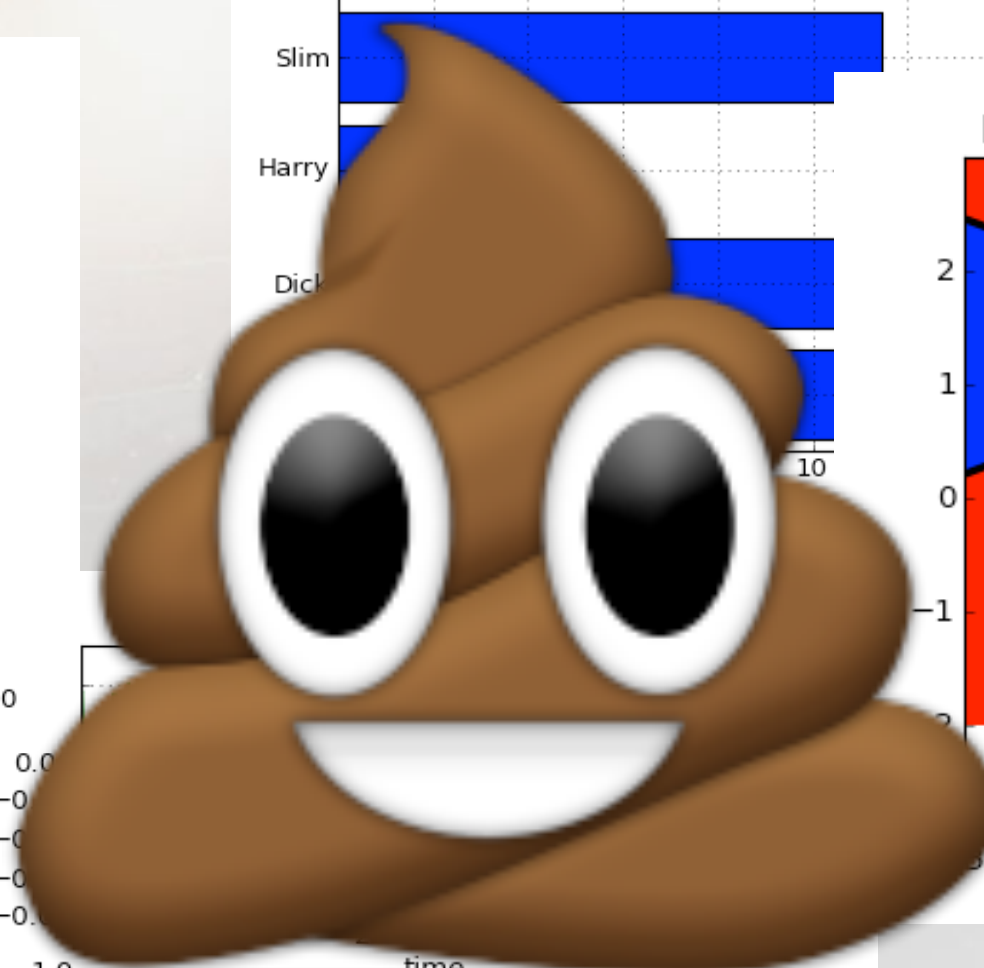
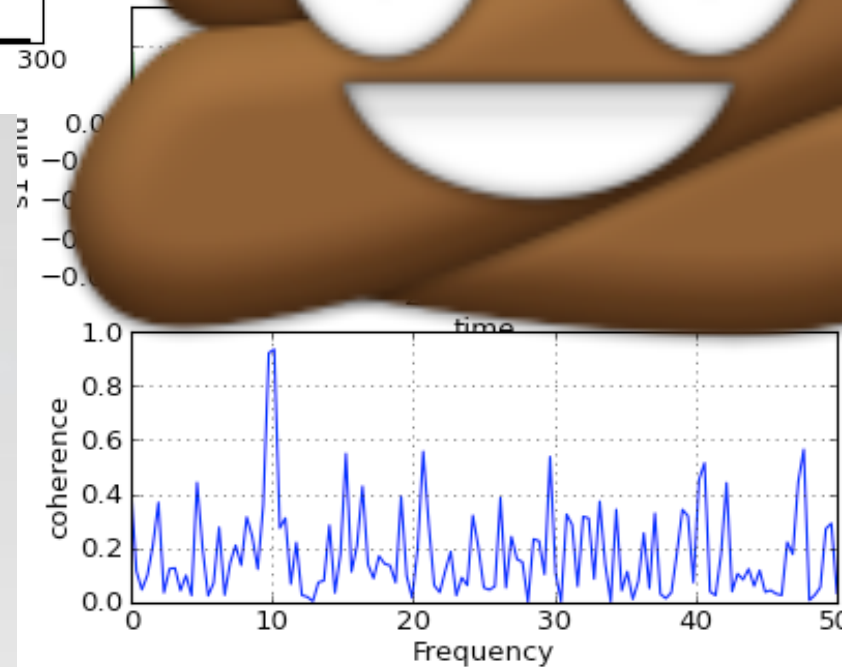
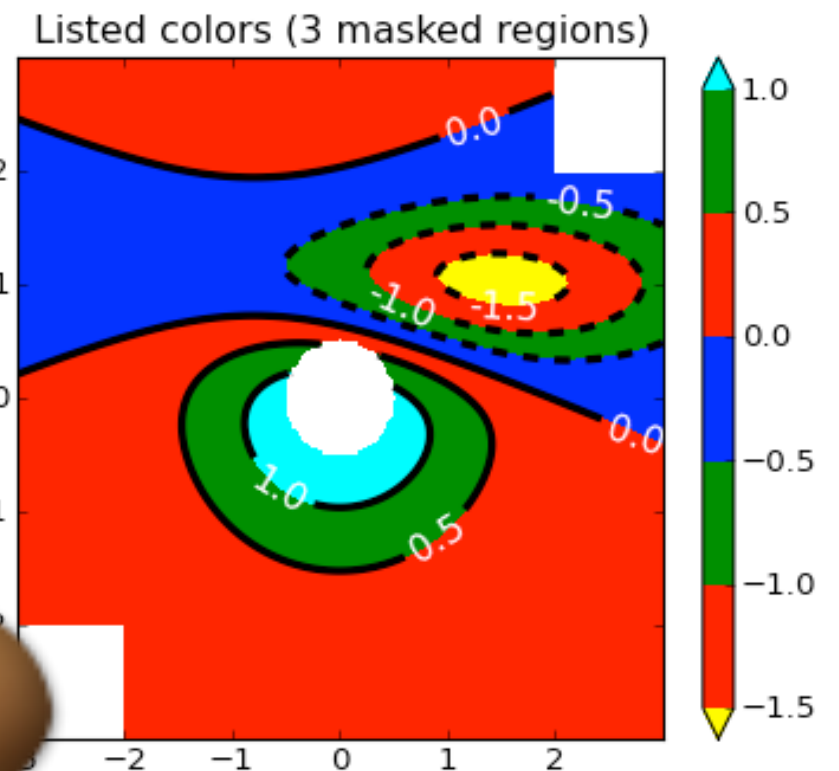
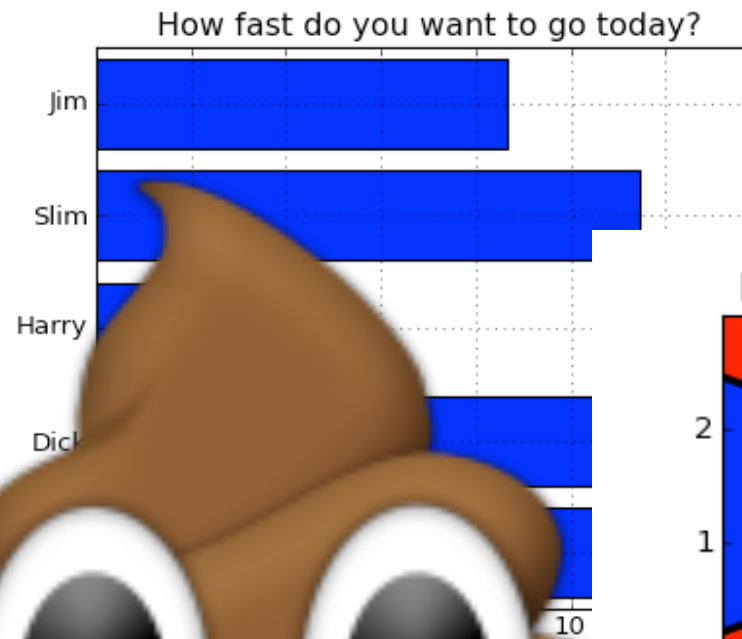
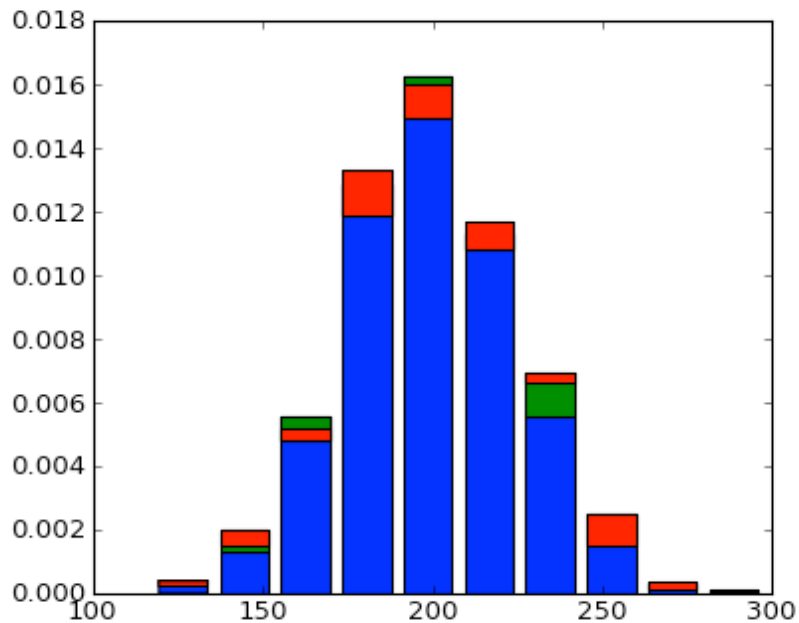
matplotlib

History

- matplotlib has a lot of baggage
- Initially written when Python was a wee lad
- Tried to emulate matlab-like syntax
- API is klugy (cloo-gee), often many ways to do the same thing (bad)
- Still the best / most powerful plotting option in Python

Built-in defaults

- Look like shit



Customizing

- Matplotlib lets you customize the defaults by placing a file in `~/.matplotlib/`
- Everyone now copy `misc/matplotlibrc` into this `~/.matplotlib` path:

```
% cp matplotlibrc ~/.matplotlib/matplotlibrc
```

