

# AGI-20 Tutorial

## OpenCog, PLN and Pattern Miner

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SingularityNET & OpenCog Foundations



SingularityNET



# Prepare OpenCog

## 1 Install docker

- Debian/Ubuntu

```
sudo apt install docker.io
```

- Arch/Manjaro

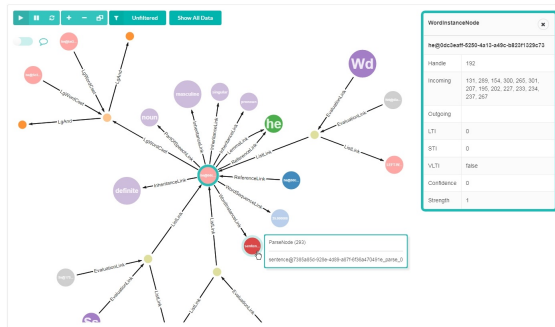
```
sudo pacman -S docker
```

## 2 Download docker image (1.6GB)

```
sudo docker pull ngeiswei/opencog:agi20
```

## Framework for AGI

- 1 Hypergraph Database:
  - AtomSpace
  - Atomese: query, rewrite and more
- 2 Mind Agents (cognitive processes):
  - Reasoning: PLN, Miner
  - Learning: MOSES, Miner
  - Decision: OpenPsi (Bach's MicroPsi)
  - Language Processing
  - More



Download docker image: `sudo docker pull ngeiswei/opencog:agi20`

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