image   image parser $\Longrightarrow$ **state representation**

Entity 1

- ○ blue
- ● red
- ○ circle
- ● rectangle
- ○ y=3
- ○ y=2
- ● y=1
- ○ x=3
- ○ x=2
- ● x=1

Entity 2

- ● blue
- ○ red
- ● circle
- ○ rectangle
- ○ y=3
- ● y=2
- ○ y=1
- ○ x=3
- ● x=2
- ○ x=1