

$$\vec{z}_t \in \mathbb{R}^{512}$$

$$\begin{bmatrix} z_{11} \\ z_{12} \\ \vdots \\ z_{1n} \end{bmatrix}$$

$$R(\vec{z}, a) \rightarrow r$$

$$Q(\vec{z}, a) \rightarrow q$$

$$d(\vec{z}, a) \rightarrow \vec{z}_{t+1}$$

$$p(\vec{z}, a) \rightarrow \hat{a}_{t+1}$$

$$\vec{z}_{t+1} \in \mathbb{R}^{512}$$

$$\begin{bmatrix} z_{21} \\ z_{22} \\ \vdots \\ z_{2n} \end{bmatrix}$$

$$R(\vec{z}_{t+1}, a) \rightarrow r$$

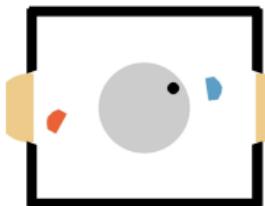
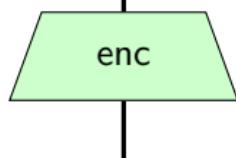
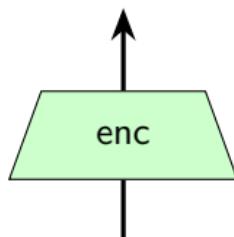
$$Q(\vec{z}_{t+1}, a) \rightarrow q$$

$$d(\vec{z}_{t+1}, a) \rightarrow \vec{z}_{t+2}$$

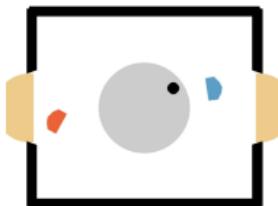
$$p(\vec{z}_{t+1}, a) \rightarrow \hat{a}_{t+2}$$

$$\vec{z}_{t+2} \in \mathbb{R}^{512}$$

$$\begin{bmatrix} z_{31} \\ z_{32} \\ \vdots \\ z_{3n} \end{bmatrix}$$



$$s_t$$



$$s_{t+1}$$