Coordinates (basis) Components

$$\vec{r} = r \cdot \hat{e}_r$$
 $\vec{v} = \vec{r} = r \cdot \hat{e}_r + r \cdot \hat{e}_o$ 

Position vector  $\vec{r}$ 

Velocity  $\vec{v} = \vec{r}$ 
 $\vec{r} = \vec{o} \cdot \vec{r}$ 



