

$$\text{Covact} : \mathbf{S} \times \mathbf{A} \rightarrow \mathbf{A}$$

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$$\text{Covact} : \mathbf{S} \rightarrow (\mathbf{A} \rightarrow \mathbf{A})$$

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$$\text{Covact} : \mathbf{S} \rightarrow \mathbf{End}(\mathbf{A})$$