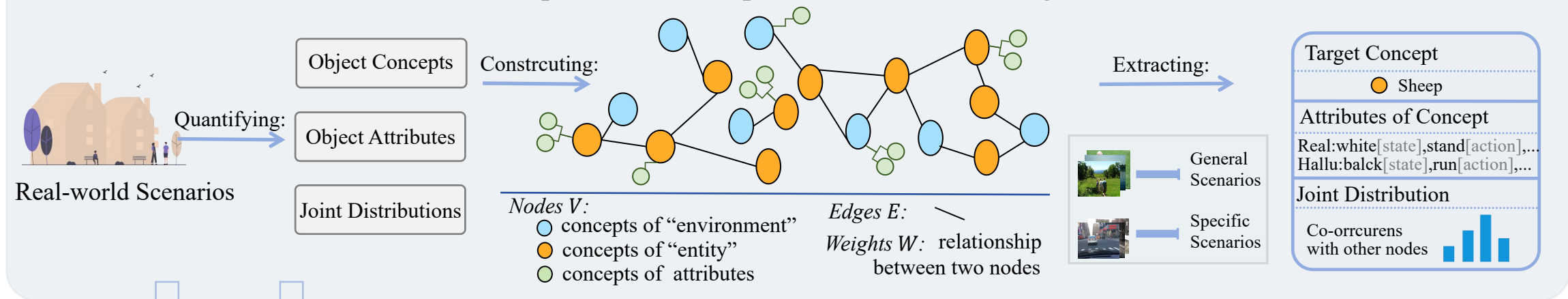


Graph-Based Conceptual Elements Modeling



Semantic Scene Construction

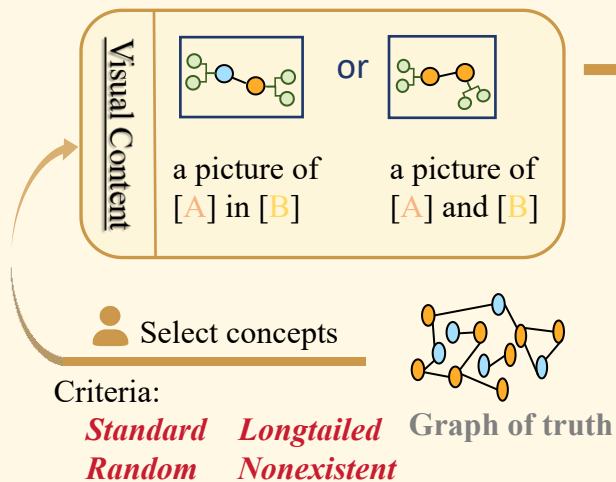
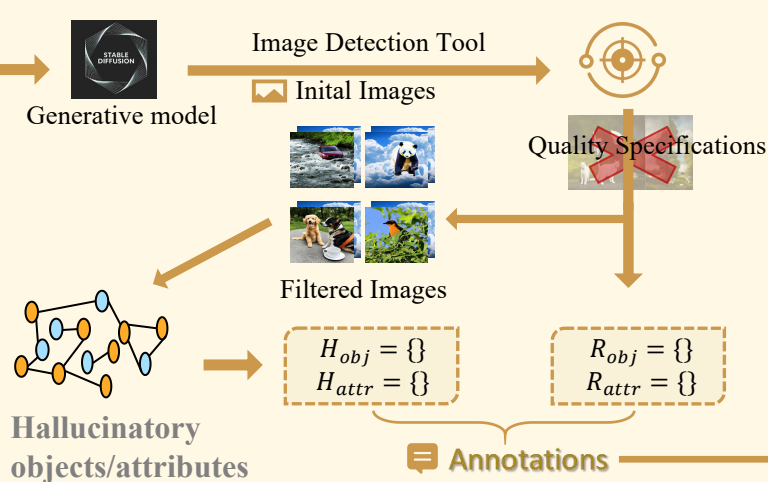


Image Generation and Filtering



Inquiries Construction

Generative Task:

Describe this image.

Discriminative Task:

Is there a {Object} in the picture?

Is the {Object} {Attribute-state} in the picture?

Does the {Object} {Attribute-action} in the picture?

Is there {Attribute-number} {Object} in the picture?

