

## **S**TYLIZED **T**EXT-TO-IMAGE **G**ENERATION

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Text description t Embedding  $\varphi_t$ 

Embedding  $\phi$ 

This bird is grey with

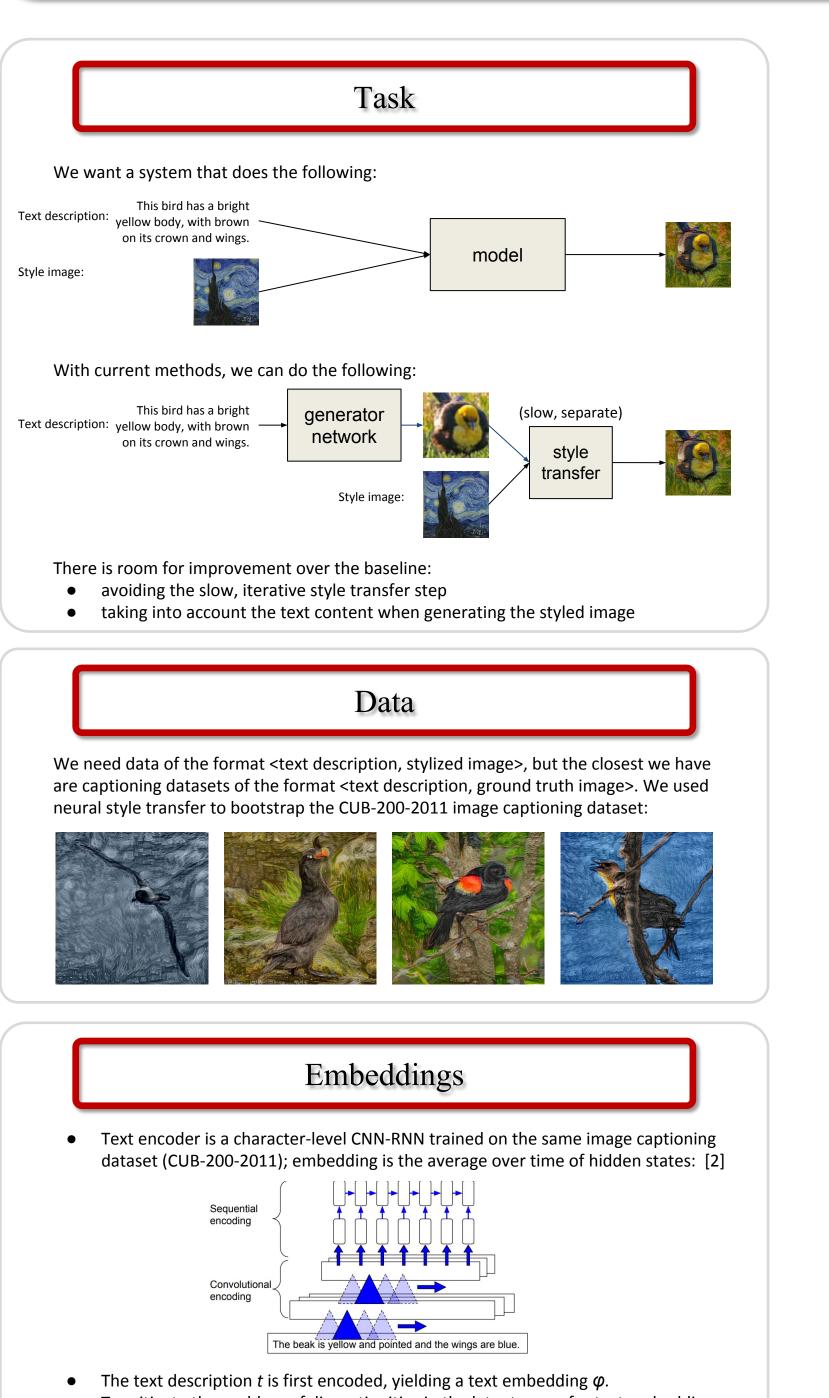
hite on its chest a has a very short bea

Conditioning

Augmentation

64 x 64

Stage-I resu



- To mitigate the problem of discontinuities in the latent space for text embeddings, Conditioning Augmentation is used (a regularization step).
- The CA layer augments the dataset, by smoothing the effects of random noise
- Current implementation appends Style Indices to the text embeddings, but one could also use style embeddings, with similar regularization

