Semantic Image Synthesis with Spatially-Adaptive Normalization

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Outline

About the Paper

- published 2019
- by Nvidia
- SIGGRAPH 2019
- GAN
- What is it for? Quick artistic sketching

Conditional Image Synthesis

- Conditional Image Synthesis: method to generate photorealistic images based on certain input (e.g. labels, text, ...)
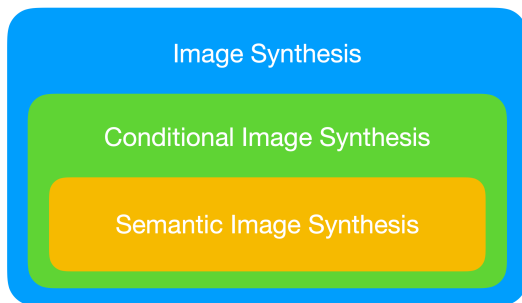- Semantic Image Synthesis: method to generate photorealistic images based on semantic segmentation mask

Figure: Euler diagram of image synthesis methods

What is a semantic segmentation mask?