

The Cityscapes Dataset for Semantic Urban Scene Understanding

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- ▶ A benchmark suite and large-scale dataset to train and test approaches for pixel-level and instance-level semantic labeling
- ▶ Specially tailored for autonomous driving in an urban environment
- ▶ Cityscapes is comprised of a large, diverse set of stereo video sequences recorded in streets from 50 different cities
 - ▶ 5000 of these images have high quality pixel-level annotations
 - ▶ 20000 additional images have coarse annotations to enable methods that leverage large volumes of weakly-labeled data
- ▶ Develops a sound evaluation methodology for semantic labeling by introducing a novel evaluation measure
- ▶ Evaluates several state-of-the-art approaches on the benchmark