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Research on Panoptic Segmentation Algorithm **Based on Transformer**

Based on Transformer

Alturary

Passoptic segmentation is a kind of image segmentation task that integrates image semantic segmentation and instance segmentation, which no tooly ficuses on the saturation and instance segmentation, which no tooly ficuses on the saturation of the background such as key, road, etc., that do focuses on the limps of different inclinations and the content of learn more comprehensive image fortures, the FPF-style mask head in Mask ECNN is added on top of the fast-so end Descriptor Transformer, which convers the output features of Transformer Descriptor into instance segmentation map. Finally, he Pil n COCO 2017 Validation is 42.8 for PQ of stuff and 35.8 for PQ of things, which is in the high level compared with the same period.

Introduction

With the development of computer hardware and internet technology, not only are computers able to handle more complex tasks, but also major manufactures and companies are asile to collect more types and amounts of data, sourchings to the complex tasks, but also major manufactures and companies are asile to collect more types and amounts of data, sourchings expect, and sometimes images. When more of this data is available, the need for more complex tone, but not made to the major and amounts of data, sourchings expect, and sometimes tone, the complex tone, but the complex tone, and the major techniques of the data is available, the need for more complex tone to the image as a matrix, where each perior point was treated as a fountre, so the number of pixel point was treated as a fountre, so the number of pixel points was the number of features. Limited by the hardware treated as a fountre, so the number of pixel points was the number of features. Limited by the hardware treated as a fountre, to the number of pixel points was the number of features. Limited by the hardware treated as foundation of the device, early the proposed Tarlie ran longer expensions of the data of classifying image features on pixels and the pixels. And noted algorithms are