OpenUE Documentation

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Get Started

Introduction

OpenUE allows users ranging from beginner python coders to experienced machine learning engineers to leverage lots of NLP extraction tasks in one easy-to-use python package.

Key Features

- **Full Guides and API Documentation**
- **Unified API for NLP Tasks with SOTA Pretrained Models** (Adaptable with BERT, XLNet, etc.)
- Entity and Realation Extraction
- Intent and Slot Filling
- Event Extraction
- More in development
- **Training and Inference Interface**
- **Rapid NLP Model Deployment**
- **Dockerizing OpenUE with GPUs**
- Easily build and run OpenUE containers leveraging NVIDIA GPUs with Docker

1.1 How to Cite

If you use or extend our work, please cite the following paper:

```
@inproceedings{zhang-2020-opennue,
title = "{O}pe{UE}: An Open Toolkit of Universal Extraction from Text",
author = "Ningyu Zhang, Shumin Deng, Zhen Bi, Haiyang Yu, Jiacheng Yang, Mosha Chen,
↪Fei Huang, Wei Zhang, Huajun Chen",
year = "2020",
}
```

Install

2.1 Install as A Python Package

We are now working on deploy OpenUE as a Python package. Coming soon!

2.2 Using Git Repository

Clone the repository from our github page (don't forget to star us!)

```
git clone https://github.com/zjunlp/openue.git
```

Then install all the requirements:

```
pip install -r requirements.txt
```

```
bash benchmark/download_ske.sh
```

Note: When running our example codes or using a specific pretrain model, the toolkit will automatically download the files it needs.

CHAPTER 3

User Guide

Developer Guide

CHAPTER 5

FAQ