

Applications

Continual Pre-training	Benchmarks	Information Extraction	Low-resource Mining	Code NLU & NLG	...
KG-enhanced PLMs, Instruction-tuning, ...	CLUE, GLUE, SQuAD, ...	HugIE, Few-shot NER, ...	Semi-supervised CLS, ...	Clone Detection, Code Defect, ...	

Core Capacities

Knowledge Representation	Fine-tuning & Prompt-tuning	Instruction & In-Context Learning	Uncertainty-aware Self-training	Parameter-Efficient Learning	...
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Models

Language Modeling	Masked LM, Causal LM, NSP,	Span Extraction	MRC, Global Pointer
Sequence Classification	Head-based CLS, Prompt-based CLS,	Multi-choice	CHID
Sequence Matching	Head-based CLS, Prompt-based CLS,	Text Generation	Summarization, Translation
Sequence Labeling	NER, Spell Checking, Part-of-Speech,	Few-shot Learning Model	NNShot, Prototypical Network,

Plug-and-Play Utils

Parameter Freezing
Uncertainty Estimation
Prediction Calibration
.....

Callback

 **Tracking Callback**

Backend



HuggingFace Transformers