

## Applications

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

## Core Capacities

<b>Knowledge Representation</b>	<b>Fine-tuning &amp; Prompt-tuning</b>	<b>Instruction &amp; In-Context Learning</b>	<b>Uncertainty-aware Self-training</b>	<b>Parameter-Efficient Learning</b>	...
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## Models


<b>Language Modeling</b>	Masked LM, Causal LM, NSP, .....
<b>Sequence Classification</b>	Head-based CLS, Prompt-based CLS, .....
<b>Sequence Matching</b>	Head-based CLS, Prompt-based CLS, .....
<b>Sequence Labeling</b>	NER, Spell Checking, Part-of-Speech, .....

<b>Span Extraction</b>	MRC, Global Pointer .....
<b>Multi-choice</b>	CHID .....
<b>Text Generation</b>	Summarization, Translation .....
<b>Few-shot Learning Model</b>	NNShot, Prototypical Network, .....

## Plug-and-Play Utils

<b>Parameter Freezing</b>
<b>Uncertainty Estimation</b>
<b>Prediction Calibration</b>
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## Callback

 **Tracking Callback**

## Backend



**HuggingFace Transformers**