## 一、Config

PretrainedConfig

OpenAIGPTConfig

GPT2Config

BertConfig

RobertaConfig

LongformerConfig

XLMRobertaConfig

CamembertConfig

DPRConfig

TransfoXLConfig

XLNetConfig

ReformerConfig

T5Config

DistilBertConfig

AlbertConfig

MobileBertConfig

RetriBertConfig

EncoderDecoderConfig

CTRLConfig

ElectraConfig

XLMConfig

FlaubertConfig

BartConfig

MBartConfig

MarianConfig

PegasusConfig

## 二、Tokenizer

WordpieceTokenizer

TransfoXLCorpus

BasicTokenizer

CharacterTokenizer

LMOrderedIterator

LMShuffledIterator

LMMultiFileIterator

PreTrainedTokenizerBase

PreTrainedTokenizer

OpenAIGPTTokenizer

GPT2Tokenizer

RobertaTokenizer

LongformerTokenizer

BartTokenizer

BertTokenizer

DistilBertTokenizer

ElectraTokenizer

MobileBertTokenizer

RetriBertTokenizer

BertJapaneseTokenizer

DPRReaderTokenizer

DPRQuestionEncoderTokenizer

DPRContextEncoderTokenizer

TransfoXLTokenizer

XLNetTokenizer

AlbertTokenizer

ReformerTokenizer

PegasusTokenizer

XLMTokenizer

FlaubertTokenizer

XLMRobertaTokenizer

MBartTokenizer

T5Tokenizer

CamembertTokenizer

CTRLTokenizer

MarianTokenizer

PreTrainedTokenizerFast

OpenAIGPTTokenizerFast

GPT2TokenizerFast

RobertaTokenizerFast

LongformerTokenizerFast

BartTokenizerFast

BertTokenizerFast

ElectraTokenizerFast

DistilBertTokenizerFast

RetriBertTokenizerFast

MobileBertTokenizerFast

DPRReaderTokenizerFast

DPRContextEncoderTokenizerFast

DPRQustionEncoderTokenizerFast

TransfoXLTokenizerFast

Enum

ExplicitEnum

PaddingStrategy

TruncationStrategy

TensorType

## 三、Model

PretrainedModel

GPT2PreTrainedModel

GPT2Model

GPT2LMHeadModel

GPT2DoubleHeadsModel

OpenAIGPTPreTrainedModel

OpenAIGPTModel

OpenAIGPTLMHeadModel

OpenAIGPTDoubleHeadsModel

BertPreTrainedModel

BertForPreTraining

BertLMHeadModel

BertForMaskedLM

BertForNextSentencePrediction

BertForSequenceClassification

BertForMultipleChoice

BertForTokenClassification

BertForQuestionAnswering

BertModel

RobertaModel

XLMRobertaModel

CamembertModel

RobertaForMaskedLM

XLMRobertaForMaskedLM

CamembertForMaskedLM

RobertaForCausalLM

RobertaForSequenceClassification

XLMRobertaForSequenceClassification

CamembertForSequenceClassification

RobertaForMultipleChoice

XLMRobertaForMultipleChoice

CamembertForMultipleChoice

RobertaForTokenClassification

XLMRobertaForTokenClassification

CamembertForTokenClassification

RobertaForQuestionAnswering

XLMRobertaForQuestionAnswering

CamembertForQuestionAnswering

LongformerForTokenClassification  
 LongformerForSequenceClassification

LongformerForMultipleChoice

LongformerForQuestionAnswering

ElectraPreTrainedModel

ElectraModel

ElectraForSequenceClassification

ElectraForPreTraining

ElectraForMaskedLM

ElectraForTokenClassification

ElectraForQuestionAnswering

ElectraForMultipleChoice

DistilBertPreTrainedModel

DistilBertModel

DistilBertForMaskedLM

DistilBertForSequenceClassification

DistilBertForQuestionAnswering

DistilBertForTokenClassification

DistilBertForMultipleChoice

AlbertPreTrainedModel

AlbertModel

AlbertForPreTraining

AlbertForMaskedLM

AlbertForSequenceClassification

AlbertForTokenClassification

AlbertForQuestionAnswering

AlbertForMultipleChoice

MobileBertPreTrainedModel

MobileBertModel

MobileBertForPreTraining

MobileBertForMaskedLM

MobileBertForNextSentencePrediction

MobileBertForSequenceClassification

MobileBertForQuestionAnswering

MobileBertForMultipleChoice

MobileBertForTokenClassification

TransfoXLPreTrainedModel

TransfoXLModel

TransfoXLLMHeadModel

XLNetPreTrainedModel

XLNetModel

XLNetLMHeadModel

XLNetForSequenceClassification

XLNetForTokenClassification

XLNetForMultipleChoice

XLNetForQuestionAnsweringSimple

XLNetForQuestionAnswering

XLMPreTrainedModel

XLMModel

FlaubertModel

XLMWithLMHeadModel

FlaubertWithLMHeadModel

XLMForSequenceClassification

FlaubertForSequenceClassification

XLMForQuestionAnsweringSimple

FlaubertForQuestionAnsweringSimple

XLMForQuestionAnswering

FlaubertForQuestionAnswering

XLMForTokenClassification

FlaubertForTokenClassification

XLMForMultipleChoice

FlaubertForMultipleChoice

ReformerPreTrainedModel

ReformerModel

ReformerModelWithLMHead

ReformerForMaskedLM

ReformerForSequenceClassification

ReformerForQuestionAnswering

LongformerPreTrainedModel

LongformerModel

LongformerForMaskedLM

T5PreTrainedModel

T5Stack

T5Model

T5ForConditionalGeneration

EncoderDecoderModel

RetriBertPreTrainedModel

RetriBertModel

PretrainedBartModel

BartModel

BartForConditionalGeneration

MarianMTModel

PegasusForConditionalGeneration

BartForSequenceClassification

BartForQuestionAnswering

CTRLPreTrainedModel

CTRLModel

CTRLLMHeadModel

DPREncoder

DPRPretrainedContextEncoder

DPRContextEncoder

DPRPretrainedQuestionEncoder

DPRQuestionEncoder

DPRPretrainedReader

DPRReader

DPRSpanPredictor

~~ModelOutput~~

~~BertForPreTrainingOutput~~

~~GPT2DoubleHeadsModelOutput~~

~~AlbertForPreTrainingOutput~~

~~CausualLMOutput~~

~~ReformerModelOutput~~

~~XLNetForMultipleChoiceOutput~~

~~Seq2SeqModelOutput~~

~~MobileBertForPretrainingOutput~~

~~BaseModelOutput~~

~~XLNetModelOutput~~

~~ElectraForPreTrainingOutput~~

~~Seq2SeqSequenceClassifierOutput~~

~~DPRReaderOutput~~

~~DPRQuestionEncoderOutput~~

~~DPRContextEncoderOutput~~

~~TransfoXLModelOutput~~

~~XLNetForQuestionAnsweringOutput~~

~~XLNetForQuestionAnsweringSimpleOutput~~

~~XLNetForTokenClassificationOutput~~

~~XLNetHMHeadModelOutput~~

~~XLNetForSequenceClassificationOutput~~

~~ReformerModelWithLMHeadOutput~~

~~Seq2SeqLMOutput~~

~~Seq2SeqQuestionAnsweringModelOutput~~

~~CausualLMOutputWithPast~~

~~OpenAIGGPTDoubleHeadsModelOutput~~

~~QuestionAnsweringModelOutput~~

~~XLMForQuestionAnsweringOutput~~

~~TokenClassifierOutput~~

~~MultipleChoiceModelOutput~~

~~MaskedLMOutput~~

~~SequenceClassifierOutput~~

~~SquadHeadOutput~~

~~NextSentencePreditorOutput~~

~~BaseModelOutputWithPast~~

~~BaseModelOutputWithPooling~~

## 四、Tasks

Distil

Text Classification（m->1）

Language Model（m->m）

Name Entity Recognization（m->m）

Question Answer（m->n）

Text Generation（m->n）

Summarization（m->n）

Translatiion（m->n）