

Lekta Tutorial

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1 Introduction

1.1 What is Natural Language Processing?

1.2 What is Lekta?

Lekta is a high level programming language specially designed to create and execute applications related with Natural Language Processing (NLP).

```
classDef: StructureComplex
(
  DialogueState_:
  (
    DialoguePhase,
    ActivatedScriptsStack,
    CurrentScriptDescriptor,
    NotDigestedProferanceChunks,
    PulledScript
  )
)

classDef: ElementBool
(
  PulledScript
)

classDef: Synonym
(
  NotDigestedProferanceChunks_=_ProferanceChunks
)

//_This_is_a_comment
/_This_is_a_multi-line
comment_/

bool _parameterTypesContains(ParameterTypes _parameterTypesBatch, _ParameterType _parameterType)
{
  string _s1<=_ 'Hello, _world';
  string _s2<=_ "Hello, _world!";
  ParameterType _recoveredParameterType;

  int _size<=_ BatchSize(_parameterTypesBatch);
  for(int _position<=_1; _position<=_size; _position++)
  {
    BatchRecoverPosition(parameterTypesBatch, _position, _recoveredParameterType);
    if(_recoveredParameterType==_parameterType_)
    {
      return _True;
    }
  }
}
```

```
return False;  
}
```