

# Lexical Transformer (2.1 legacy document)

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**Warning:**

This document was copied as is from the Cocoon 2.1 documentation, but has not yet been fully reviewed or moved to its new home.

## 1. Lexical Transformer

The lexical transformer tokenizes the content of special marked elements of a SAX stream, by using a lexicon file.

- Name: lexer
- Class: org.apache.cocoon.transformation.LexicalTransformer
- Cacheable: yes - uses the last modification date of the lexicon document for validation.

The lexer parses the following elements from the SAX stream, and replaces them through generated documents.

```
<text xmlns="http://chaperon.sourceforge.net/schema/text/1.0"> [Text, which should be  
parsed] </text>
```

The lexical transformer will replace these elements by a list of lexemes (tokens).

```
<lexemes xmlns="http://chaperon.sourceforge.net/schema/lexemes/1.0"> <lexeme  
symbol="..." text="..."> <lexeme symbol="..." text="..."> <lexeme symbol="..." text="...">  
</lexemes>
```

A detailed explanation of function and the lexicon format can be found at [Chaperon](#).

## 1. Comments

add your comments