

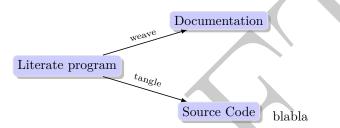
## The Universal Short Graph Language

## Introducing the $\sqcup$ language

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## 1 Introduction



Blabla intro with diagram:

## 2 Parser

```
__RE_U__ = r'''
                         # RegExp
                           Three basic tokens:
      (?:
                           (1) Block
       ([{}])
        (?:\#[^\n]*)
                           or (2) Line comment
                         # or (3) NODE:
6
                          Not empty token
        (?:(\w{1,10}))) # Name
        (?::(\w)/)
                         # Type pre
        ((\%s)(.+?)\) \{[([^{\}]]+)\] | (([^{\}])+)\)|) \# Content
                         # Type post
        (?:\.(\w{1,20}|\*)|) # Port
12
                         # or (4) ARC:
13
        ([<\-=>])
                         # Head
14
        (?:([^\W\d_])|) # Type pre
15
        ((\%s)(.+?)\14/\[([^\]]+)\]/\(([^)]+)\)) # Content
16
        (?:([^\W\d_])) # Type post
17
       ([<\-=>])
18
   )''' % (__delimiter__, __delimiter__)
```

The end of the document

<sup>\*</sup>the first five characters of the base64 encoding of the SHA1 digest of the attached source files.