

```
grammar org.omnimoire.OMNIMOIRE with org.eclipse.xtext.common.Terminals
```

```
generate omnimoire "http://omnimoire/lang"
```

Model:

```
root=RootConfig  
layers+=Layer*  
;
```

RootConfig:

```
'ORIGIN' '{'  
  'facets:' '[' facets+=ID (',' facets+=ID)* ']'  
  'authority:' authority=ID  
  'consciousness:' consciousness=ID  
  'scope:' scope=ID  
'}'  
;
```

Layer:

```
'LAYER' index=INT ':' name=ID  
'Cloth:' cloth=ClothDecl  
'Purpose:' purpose=TEXT  
'Spells' 'Active:' spellBlock=SpellBlock  
'Implementation:' impl=Implementation  
;
```

ClothDecl:

```
cloths+=ID ('-' cloths+=ID)*  
;
```

SpellBlock:

```
spells+=SpellLine+  
;
```

SpellLine:

```
'-' name=ID ('->' description=TEXT)?  
;
```

Implementation:

```
classes+=ClassDecl+  
;
```

ClassDecl:

```
'class' name=ID ':'  
;
```

```
(INDENT methods+=MethodDecl+ DEDENT)?
;

MethodDecl:
'def' name=ID '(' params=ParamList? ')' ':'
(INDENT body+=Statement+ DEDENT)?
;

ParamList:
params+=ID (',' params+=ID)*
;

Statement:
Assignment | Call | Comment | TEXT
;

Assignment:
var=ID '=' expr=Expression
;

Call:
expr=Expression
;

Expression:
ID '(' (args+=Expression (',' args+=Expression)*)? ')')?
;

Comment:
'#' !("\n")*
;

// TEXT is any freeform line not matching other rules
terminal TEXT:
/[^\\n]+/
;
```