

```
grammar org.codex.ModularDSL with org.eclipse.xtext.common.Terminals

generate modularDSL "http://codex/modular/DSL"
```

Model:

```
    origin=Origin
;
```

Origin:

```
'Origin' '{'
    'facets' '{' facets+=ID* '}'
    system=System
}'
;
```

System:

```
'system' name=ID '{'
    layers+=Layer*
    'finalize' finalize=[ID]
}'
;
```

Layer:

```
'layer' name=ID '{'
    (elements+=Element)*
}'
;
```

Element:

```
    Wrap
    | Chain
    | Nest
    | Emerge
';

```

Wrap:

```
    'wrap' spell=[ID]
';

```

Chain:

```
    'chain' spell=[ID]
';

```

Nest:

```
'nest' name=ID '{'  
    elements+=Element*  
}'  
;
```

```
Emerge:  
'emerge' fusion=FusionID '{'  
    elements+=Element*  
}'  
;
```

```
FusionID:  
    ID '-' ID  
;
```