

```
1 model
2   schema 1.1
3
4 type organization
5   relations
6     define member: [user] or owner
7     define owner: [user]
8     define repo_admin: [organization#member]
9
10 type repo
11   relations
12     define admin: (creator and repo_admin from owner) but not blocked
13     define owner: [organization]
14     define creator : [user]
15     define blocked : [user,user:*)
16
17 type user
```

Identify types, relations, and rules (Direct, Computed, TTU, Logical Operators)

Parser

Translate parsed components into corresponding VisualOFGA visual elements (Nodes, Containers, Gates, Edges)

VisualOFGA Mapping

Automatically position elements and render the final diagram using a graph layout engine

Layout & Mapping