

## Database Model

### **Frameworks**

- Each framework is in the frameworks collection
- Each framework has one catalog document that describes the structure of framework as a tree.

### **Documents**

- Documents are broken down into two types catalog and non-catalog documents.
- Documents must have these mandatory fields:
  - name
  - frameworks
  - types
- There are two mandatory types:
  - catalog
  - control
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### **Catalog Documents**

- Catalog documents have the following structure:

```
{
    "framework": "frameworkname",
    "name": "frameworkname-catalog",
    "type": "catalog",
    "begin": [
        "//names of documents in a hierarchical tree//"
    ]
}
```

### **Non-catalog Documents**

- Most common type of non-catalog is a control
- Non-catalog Documents have the following structure:

```
{
    "framework": "frameworkname",
    "name": "docname",
    "type": "sometype",
    "description": "some description"
}
```