

WORKFLOW

Via Python API

Via *YAML* file

CONFIGURATION

Temporal discretisation

```
unifhy.time.TimeDomain(...)
```

```
timedomain: {...}
```

Spatial discretisation

```
unifhy.space.SpaceDomain(...)
```

```
spacedomain: {...}
```

Data selection

```
unifhy.data.DataSet(...)
```

```
dataset: {...}
```

Science component selection

```
unifhycontrib.modelname.  
SurfaceLayerComponent(...)
```

```
surfacelayer: {  
  module: unifhycontrib.modelname  
  class: SurfaceLayerComponent  
  ...  
}
```

Model construction

```
unifhy.model.Model(...)
```

```
model: {...}
```

```
unifhy.model.Model.from_yaml(...)
```

SIMULATION

Model initialisation

```
model.spinup(cycles, ...)
```

```
model.spinup(cycles, ...)
```

Model simulation

```
model.simulate(...)
```

```
model.simulate(...)
```

