# org.eclipse.etrice.examples.dynamicactors8 Modeldocumentation

generated by eTrice

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# 2 Logical System Description

## 2.1 LogSys1

### 2.1.1 Instance Tree

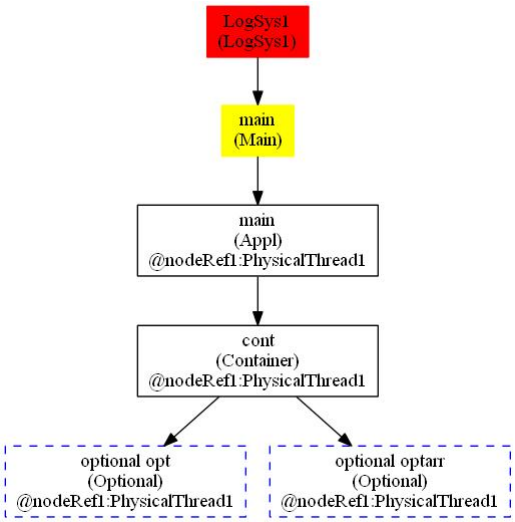


Figure 1: LogSys1 Instance Tree

# 3 Subsystem Description

## 3.1 Main

### 3.1.1 Structure

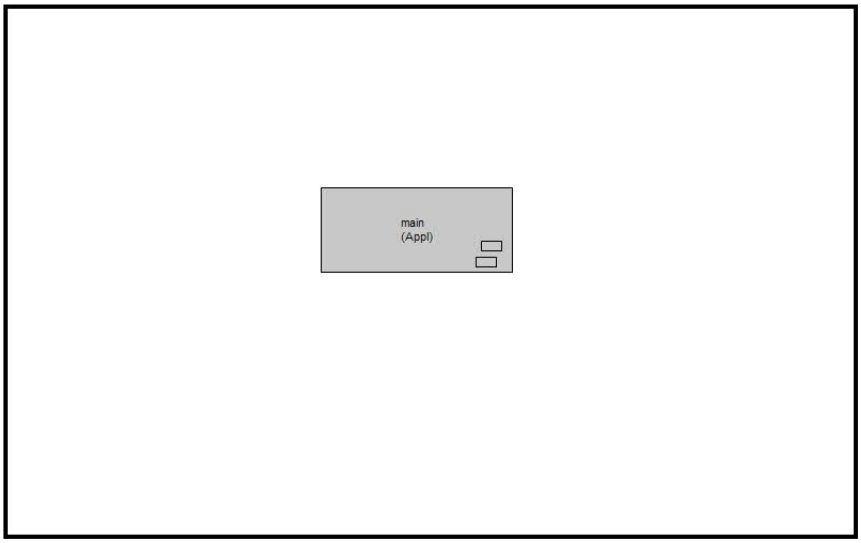


Figure 2: Main Structure

# 4 Protocol Class Description

## 4.1 PStep

### 4.1.1 Incoming Messages

| Message | Data | Description |
|---|---|---|
| step | | |
| sayHello | | |

### 4.1.2 Outgoing Messages

| Message | Data | Description |
|---|---|---|
| hello | txt | |

# 5 Data Class Description

## 5.1 SomeData

### 5.1.1 Attributes

| Name | Type | Description |
|---|---|---|
| fval | float32 | |
| dval | float64 | |
| str | string | |

### 5.1.2 Operations

## 5.2 OtherData

### 5.2.1 Attributes

| Name | Type | Description |
|---|---|---|
| some | SomeData | |
| bval | boolean | |

### 5.2.2 Operations

## 5.3 DerivedData

### 5.3.1 Attributes

| Name | Type | Description |
|---|---|---|
| cval | char | |

#### 5.3.2 Operations

# 6 Actor Class Description

## 6.1 Appl

### 6.1.1 Structure

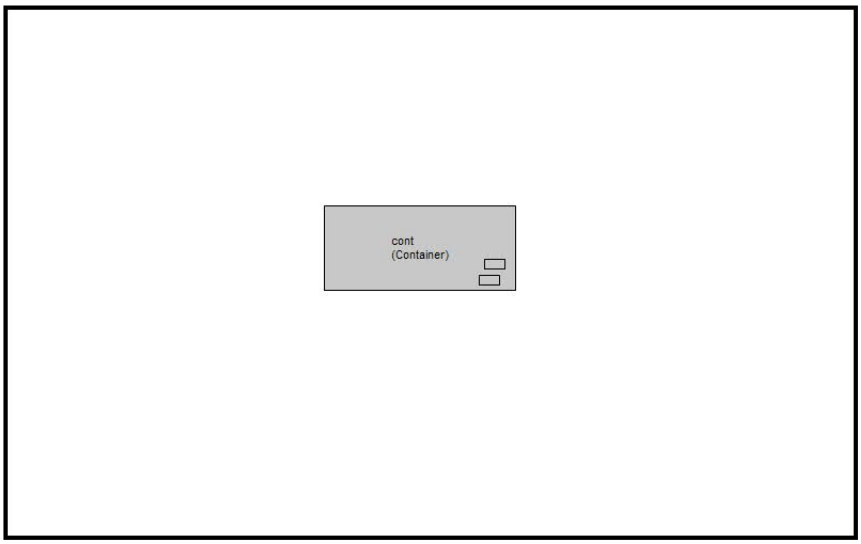


Figure 3: Appl Structure

### 6.1.2 Attributes

### 6.1.3 Operations

## 6.2 Container

### 6.2.1 Structure

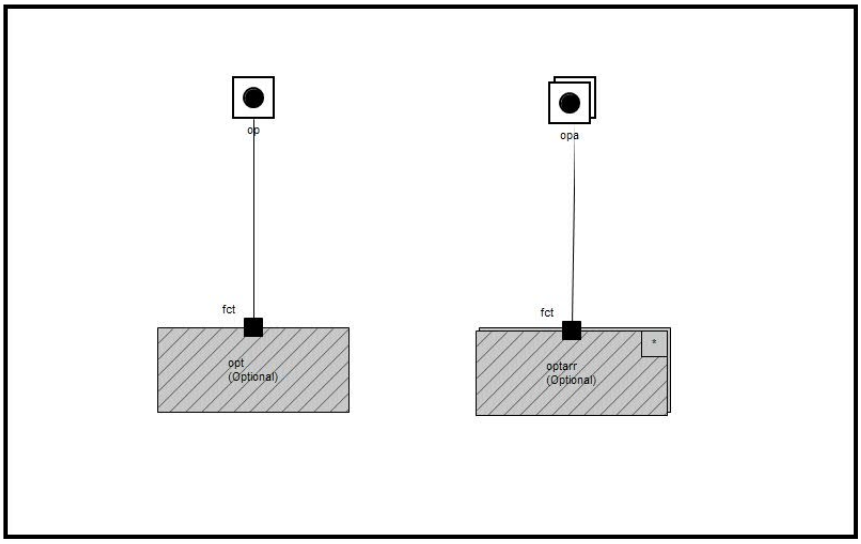


Figure 4: Container Structure

### 6.2.2 Attributes

### 6.2.3 Operations

| | |
|---|---|
| Name: | clean |
| ReturnType: | void |
| Arguments: | |

### 6.2.4 Statemachine

#### 6.2.4.1 Top Level

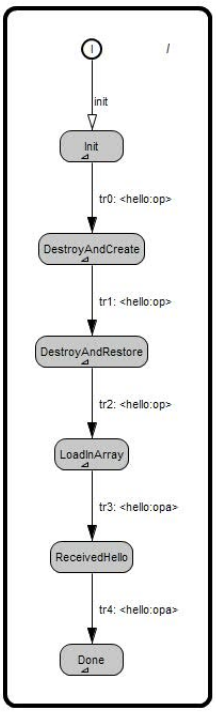


Figure 5: Container Top State

## 6.3 Optional

### 6.3.1 Structure

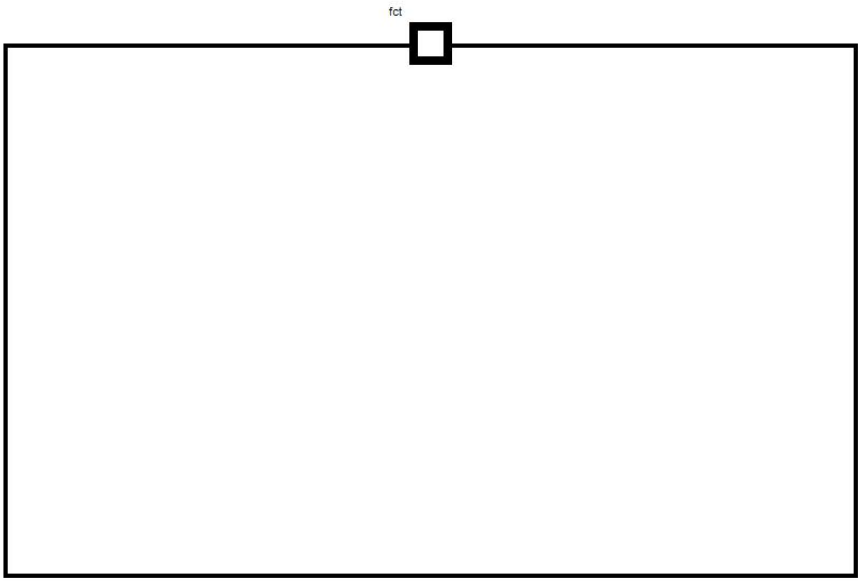


Figure 6: Optional Structure

### 6.3.2 Attributes

### 6.3.3 Operations

## 6.4 Optional1

### 6.4.1 Structure

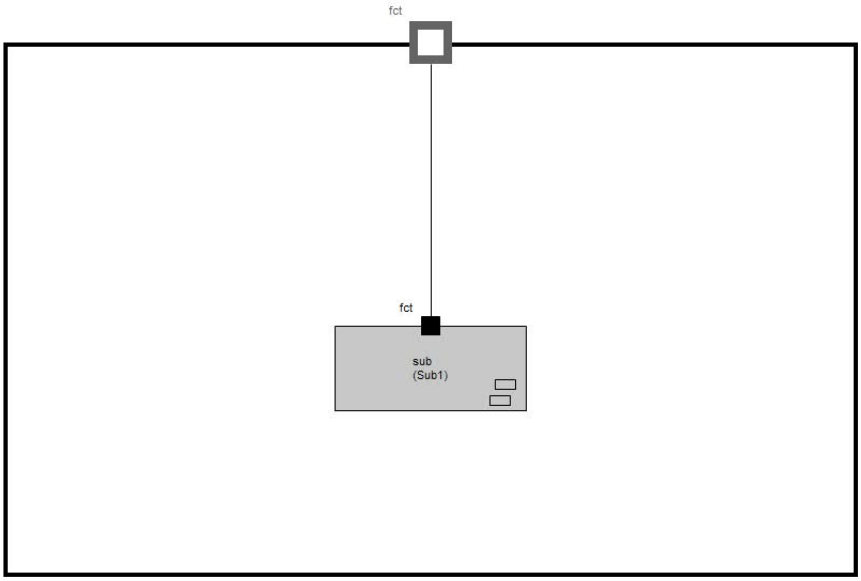


Figure 7: Optional1 Structure

### 6.4.2 Attributes

### 6.4.3 Operations

## 6.5 Optional2

### 6.5.1 Structure

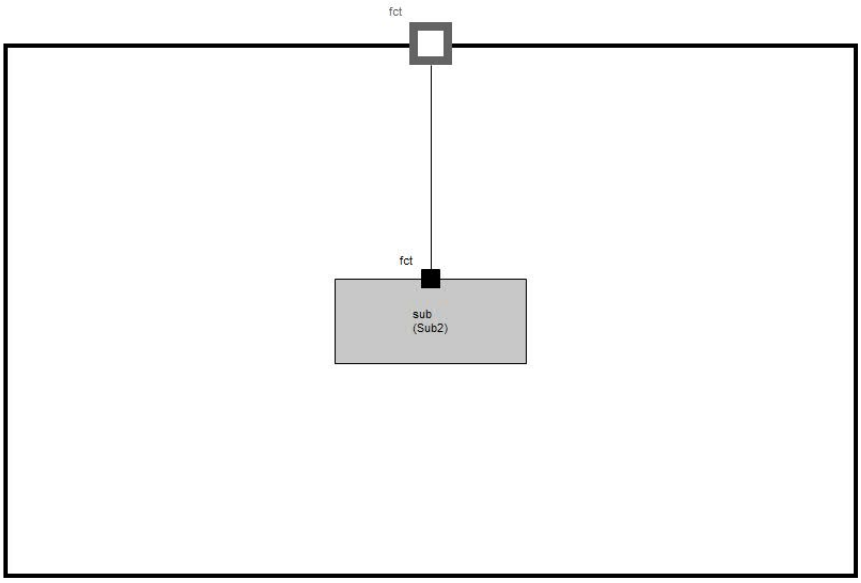


Figure 8: Optional2 Structure

### 6.5.2 Attributes

### 6.5.3 Operations

## 6.6 Sub1

### 6.6.1 Structure

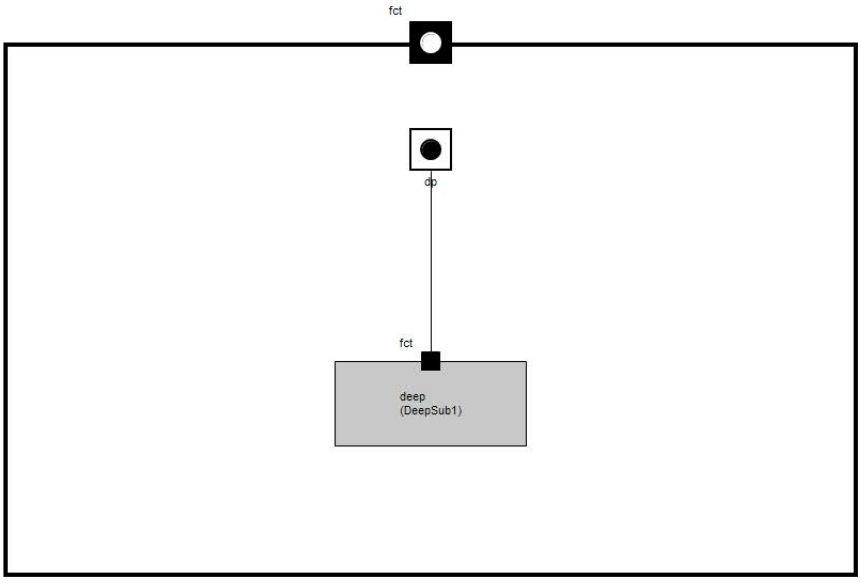


Figure 9: Sub1 Structure

### 6.6.2 Attributes

| Name | Type | Description |
|---|---|---|
| ival | int32 | |
| sval | int16 | |
| bval | int8 | |
| some | SomeData | |
| other | OtherData | |
| derived | DerivedData | |

### 6.6.3 Operations

### 6.6.4 Statemachine

#### 6.6.4.1 Top Level

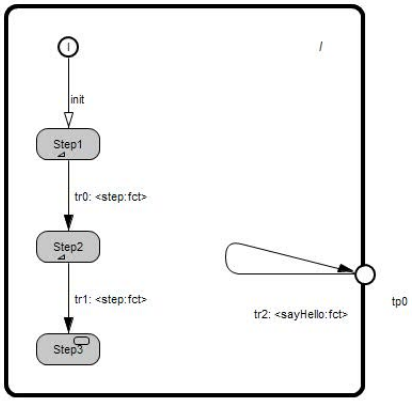


Figure 10: Sub1 Top State

#### 6.6.4.2 Subgraph Step3

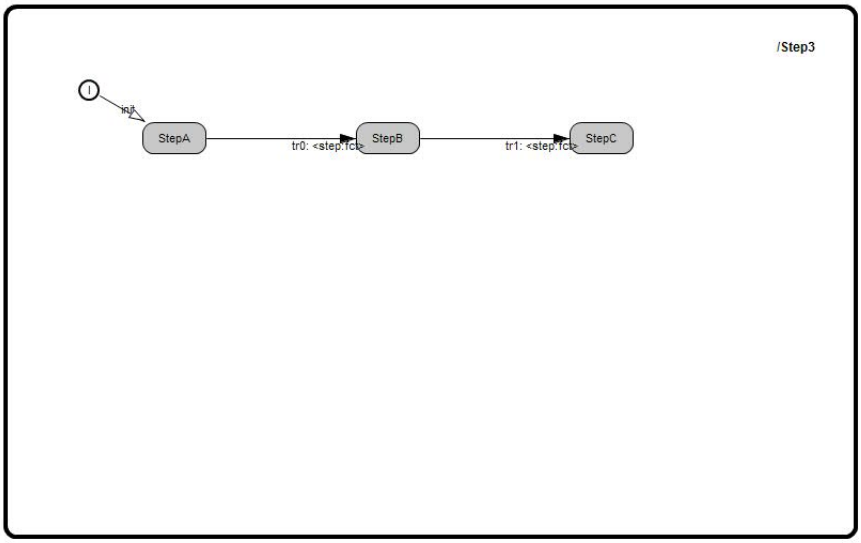


Figure 11: Sub1_Step3

## 6.7 DeepSub1

### 6.7.1 Structure

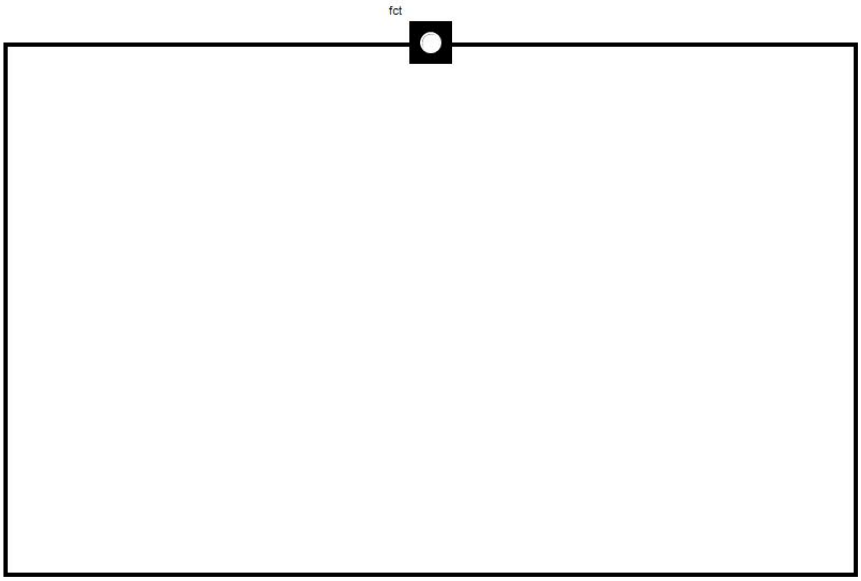


Figure 12: DeepSub1 Structure

#### 6.7.2 Attributes

#### 6.7.3 Operations

#### 6.7.4 Statemachine

##### 6.7.4.1 Top Level

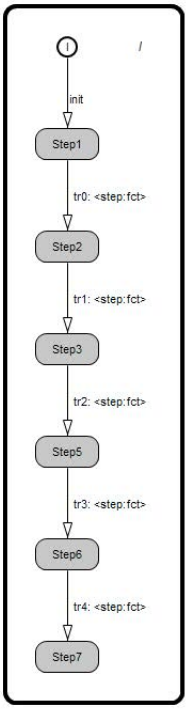


Figure 13: DeepSub1 Top State

### 6.8 Sub2

#### 6.8.1 Structure

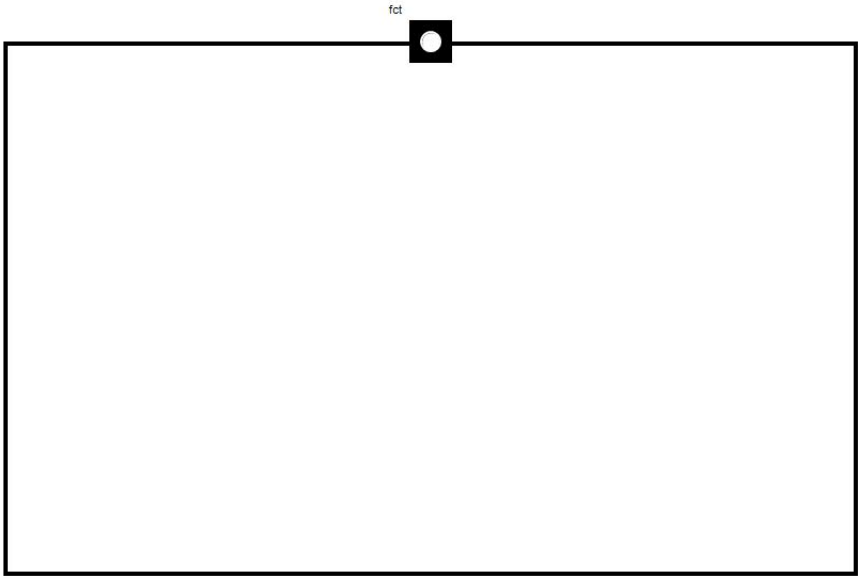


Figure 14: Sub2 Structure

#### 6.8.2 Attributes

#### 6.8.3 Operations

#### 6.8.4 Statemachine

##### 6.8.4.1 Top Level

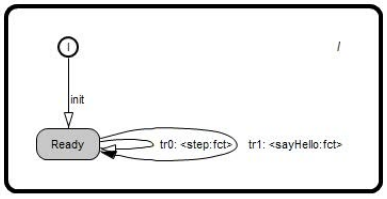


Figure 15: Sub2 Top State