

org.eclipse.etrice.examples.dynamicactors8 Modeldocumentation

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# 1 Model Description

## 2 Logical System Description

### 2.1 LogSys1

#### 2.1.1 Instance Tree

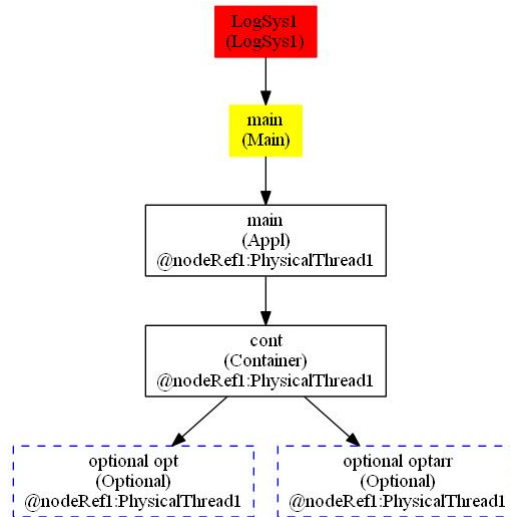


Figure 1: LogSys1 Instance Tree

## 3 Subsystem Description

### 3.1 Main

#### 3.1.1 Structure

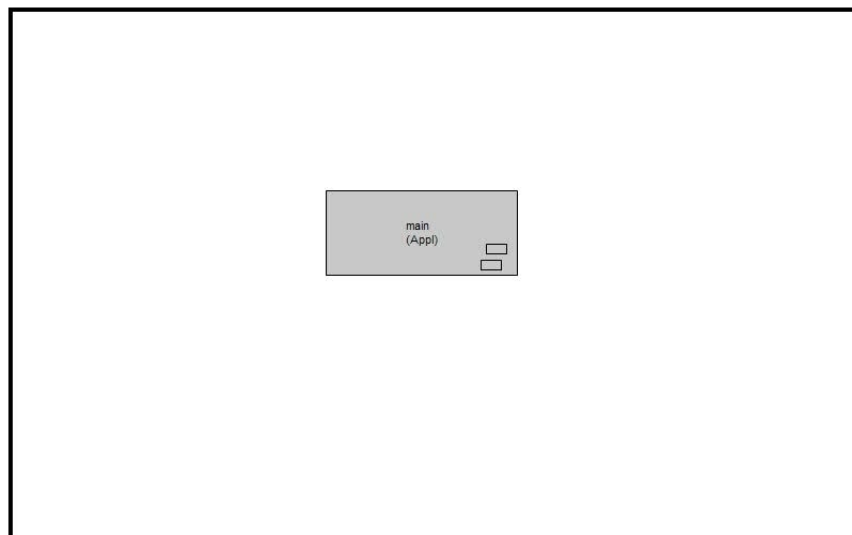


Figure 2: Main Structure

## 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

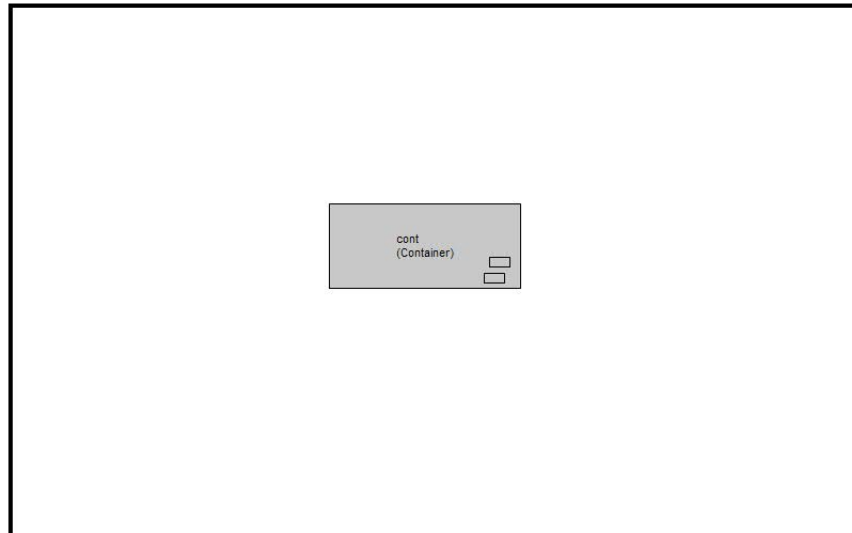


Figure 3: Appl Structure

#### 6.1.2 Attributes

#### 6.1.3 Operations

### 6.2 Container

#### 6.2.1 Structure

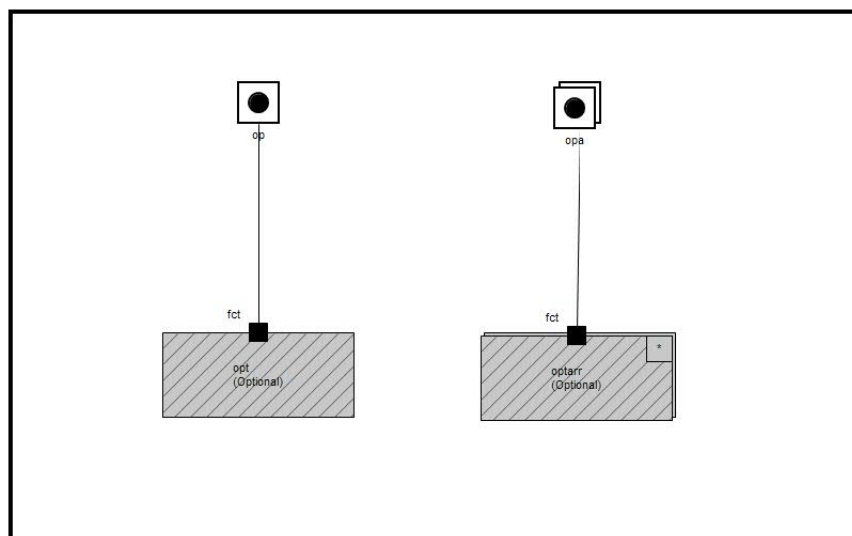


Figure 4: Container Structure

### 6.2.2 Attributes

### 6.2.3 Operations

Name:	clean
ReturnType:	void
Arguments:	

### 6.2.4 Statemachine

#### 6.2.4.1 Top Level

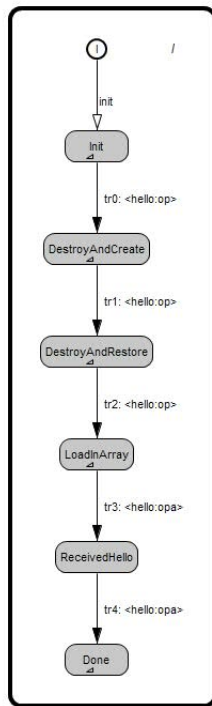


Figure 5: Container Top State



## 6.3 Optional

### 6.3.1 Structure

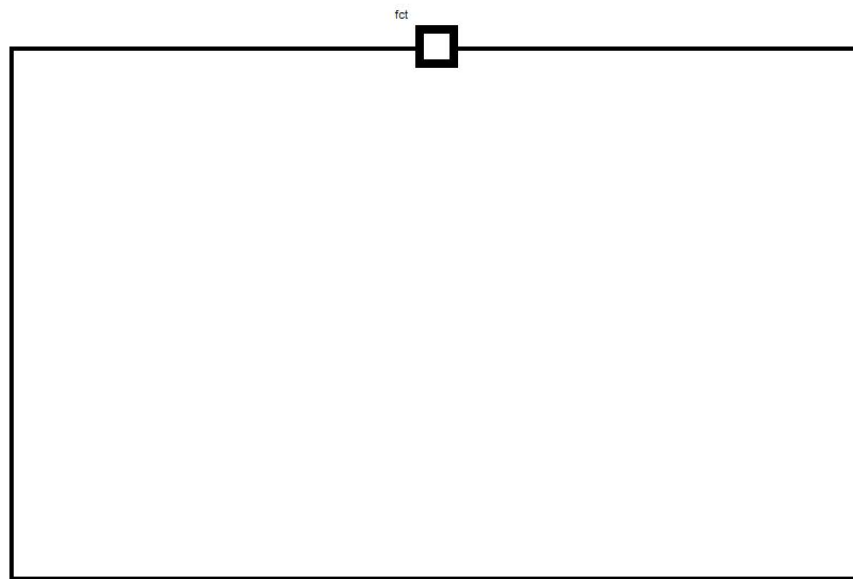


Figure 6: Optional Structure

### 6.3.2 Attributes

### 6.3.3 Operations

## 6.4 Optionall

### 6.4.1 Structure

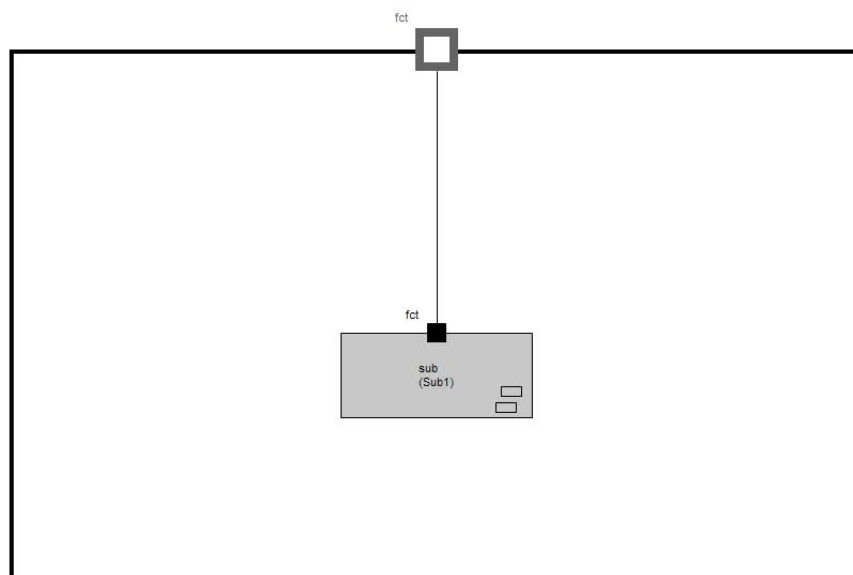


Figure 7: Optionall Structure

- 6.4.2 Attributes
- 6.4.3 Operations
- 6.5 Optional2
- 6.5.1 Structure

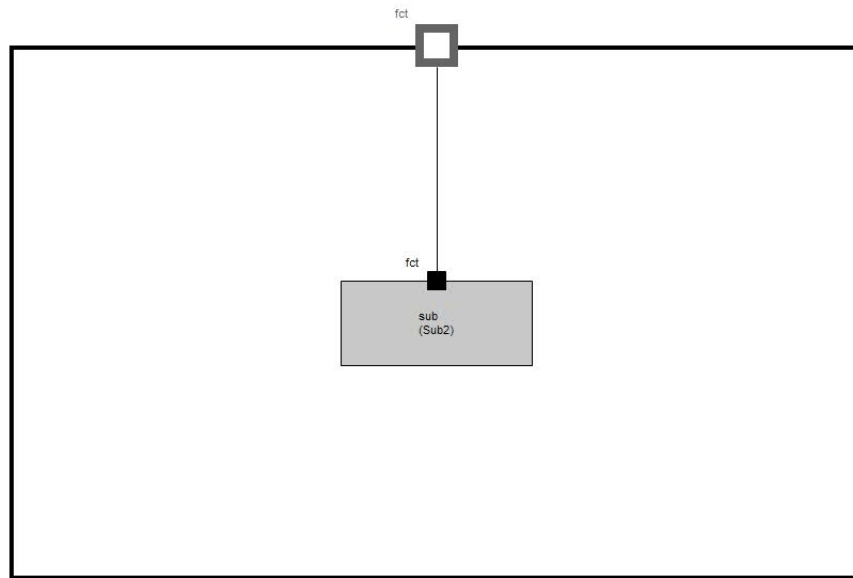


Figure 8: Optional2 Structure

- 6.5.2 Attributes
- 6.5.3 Operations
- 6.6 Sub1
- 6.6.1 Structure

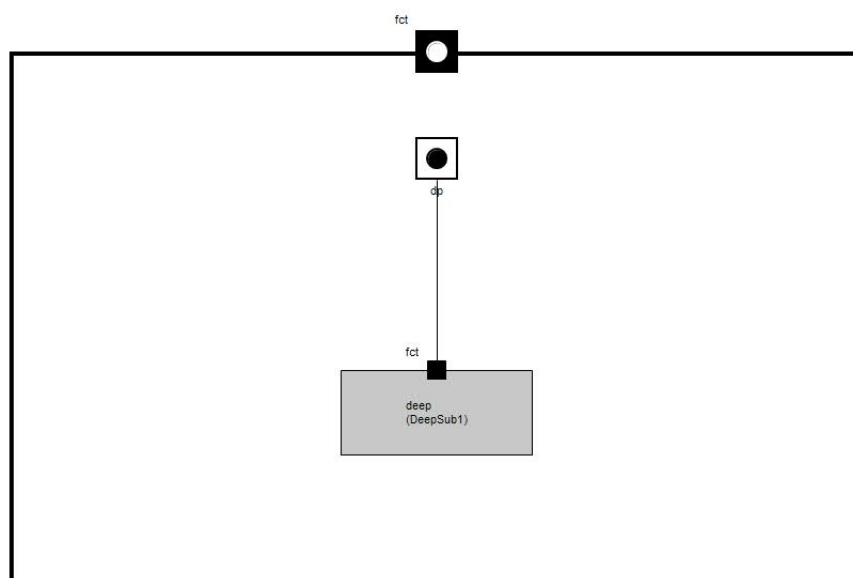


Figure 9: Sub1 Structure

### 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

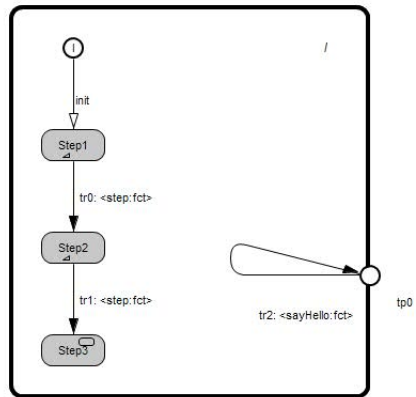


Figure 10: Sub1 Top State

#### 6.6.4.2 Subgraph Step3

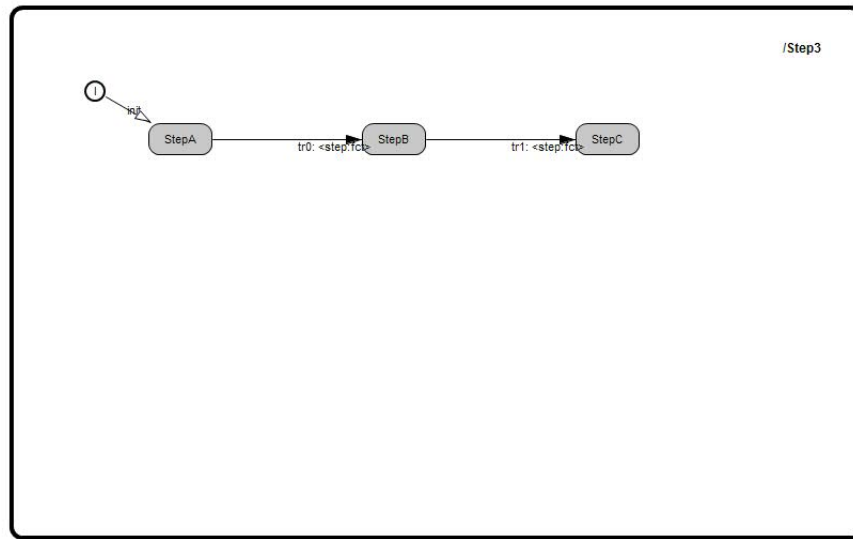


Figure 11: Sub1\_Step3

### 6.7 DeepSub1

#### 6.7.1 Structure

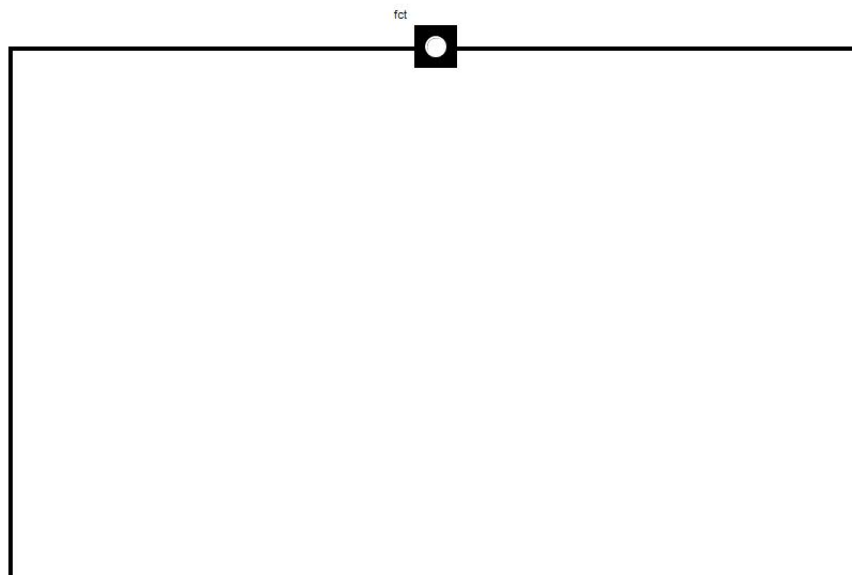


Figure 12: DeepSub1 Structure

### 6.7.2 Attributes

### 6.7.3 Operations

### 6.7.4 Statemachine

#### 6.7.4.1 Top Level

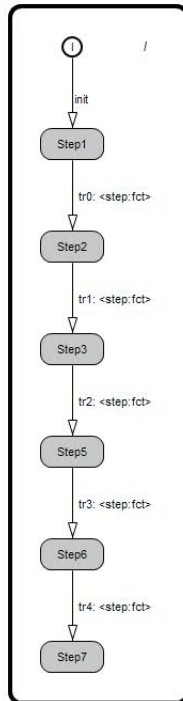


Figure 13: DeepSub1 Top State

## 6.8 Sub2

### 6.8.1 Structure

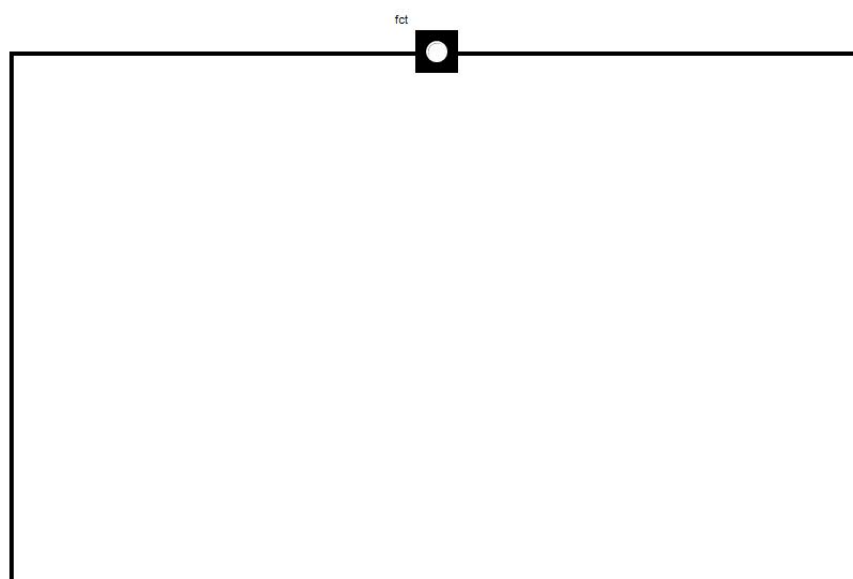


Figure 14: Sub2 Structure

## 6.8.2 Attributes

## 6.8.3 Operations

## 6.8.4 Statemachine

### 6.8.4.1 Top Level

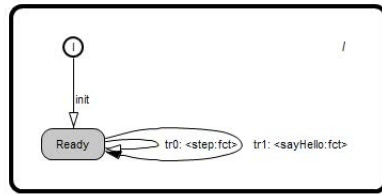


Figure 15: Sub2 Top State