

State Transitions of the Root State Machine

In the root state machine of a generated process, transitions between states can be automatically, time triggered, or signal triggered. Time triggered and signal triggered transitions can be controlled via the [PAS Administration](#).

Time Triggered Transitions and Settings

The xUML service implementing the process features settings to control time triggered transitions.

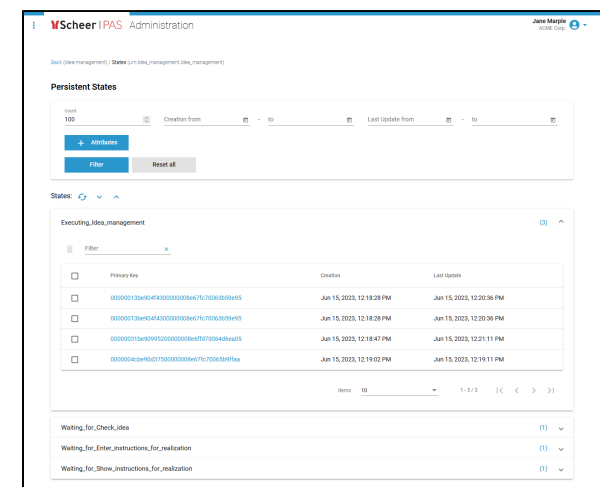
Setting	Description	Allowed Values	
holdTime	Specify a period of time the process will reside in state Done after the process has been finished.	A valid time duration as specified on Time Durations .	
autoRetry	Specify whether the root state machine should trigger a retry of the erroneous process step after the period of time defined in autoRetryTime .	true	Retry process step where the error occurred.
		false	No auto-retry (default).
autoRetryTime	Specify a period of time to wait before triggering an auto-retry of a process in state Error .	A valid time duration as specified on Time Durations .	

You can change these settings:

Container Deployment	In the PAS Administration in the Configuration tab of the corresponding service. This is described in more detail on Adapting the Configuration of Containerized xUML Services .
Integration Deployment	On the Bridge as described on xUML Service Settings . Alternatively, you can use the Bridge API to do this. This is described in more detail on xUML Service Interface . In short, send a GET to <code>/services/xuml/{name}/settings</code> to read all available settings, make your changes, and perform a PUT to write them.

Signal Triggered Transitions

The **Persistent State** section (PAS Administration > service details) lists all processes and their corresponding states:



In the details view of a persistent state object, you can inspect the process and state details, trigger available signals or a retry via the corresponding icons:

On this Page:

- [Time Triggered Transitions and Settings](#)
- [Signal Triggered Transitions](#)

Related Pages:

- [xUML Service Interface](#)

Related Documentation:

- [Administration Guide](#)
 - [Persistent States of Containerized xUML Services](#)
- [Bridge Integration Platform](#)
 - [xUML Service Settings](#)
 - [Time Durations](#)



WPAS Administration



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ADMIN USER



[Back \(ides management\)](#) / [States \(ides management\)](#) / [ides management](#) / [Object \(000100059a2419429a00000030\)](#)

Details of object 000100059a2419429a00000030

Primary Key: 0000002c3bfaa7f00000000adff02f04194242c

Creation: Jun 15, 2023, 2:32:06 PM

Last Update: Jun 15, 2023, 2:32:12 PM



States

Name	Creation	Status	Retry Transitions	Send Signals
Error	Jun 15, 2023, 2:32:12 PM	ok		

Events

Name	Type	Creation	Delivery
Leave_Error_at_0	TIMEOUT	Jun 15, 2023, 2:32:12 PM	Jun 1, 9999, 1:00:00 AM

xUML Data

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <Data xmlns:ides="http://x26.ch/ides/advancedBehavior/persistentState" stateId="1" employeeName="axsxd"
   personName="36" id="0000002c3bfaa7f00000000adff02f04194242c" retryId="9999-01-01T00:00:00.00" autocleryTime
   ="91605" autocleryTask="false" holdIdName="91605" currentTask name="Check_idea" stateName="Waiting for Check_idea" begin
   ="2023-06-15T12:32:12.875365Z" </currentTask><executedTasks name="Report_your_idea" stateName="Waiting for
   Report_your_idea" begin="1973-10-01 00:00:00Z" end="1973-10-17 00:00:00Z" </executedTasks></Data>

```

Alternatively, you can use the xUML Runtime API to send those signals. This is described in more detail on [xUML Service Interface](#).