

Compliant Control Architecture - Tasks #2325

Refactor component lifecycle

06/15/2015 07:57 PM - Anonymous

Status: New	Start date: 06/15/2015
Priority: High	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description	
<p>The component lifecycle is currently implemented as an ugly mess in Component::requestTransition(). This needs to be refactored, e.g., as a proper state machine. Components should provide a default lifecycle (as it is currently), but allowing to alter/extend the lifecycle.</p> <p>Check for slim c++ state machine libraries with minimal dependency footprint (ruling out QT for example), e.g., what's up with Meta State Machine or Boost Statechart Library?</p>	
Related issues:	
Related to Compliant Control Architecture - Bug # 2324: CCA lifecycle - compo...	New 06/15/2015
Related to Compliant Control Architecture - Bug # 1573: plueckin: Bug in CCA?	Resolved 07/23/2013
Related to Compliant Control Architecture - Feature # 898: Implement reset me...	Resolved 02/25/2012

History

#1 - 06/15/2015 07:58 PM - Anonymous

- Related to Bug #2324: CCA lifecycle - component stops it self twice added

#2 - 06/15/2015 07:58 PM - Anonymous

- Related to Bug #1573: plueckin: Bug in CCA? added

#3 - 06/15/2015 07:58 PM - Anonymous

- Related to Feature #898: Implement reset mechanism in component lifecycle added