

Polywall ExternalController API v.1.2

Connection is established by raw TCP protocol to port 9999 of Polywall controller.

Get list of scenarios:

Controller -> Polywall:

xStatus Scenarios/x0D

Polywall -> Controller:

***s Scenarios Scenario "Scenario 1 Name" IsPlaying: 1/x0D**

***s Scenarios Scenario "Scenario 2 Name" IsPlaying: 0/x0D**

***s Scenarios Scenario "Scenario 3 Name" IsPlaying: 0/x0D**

***s Scenarios Scenario "Scenario 4 Name" IsPlaying: 0/x0D**

**** end/x0D**

Get list of scenes for active scenario

Controller -> Polywall:

xStatus ActiveScenes/x0D

Polywall -> Controller:

***s ActiveScenes Scene "Scene 1 Name" IsPlaying: 0/x0D**

***s ActiveScenes Scene "Scene 2 Name" IsPlaying: 0/x0D**

***s ActiveScenes Scene "Scene 3 Name" IsPlaying: 1/x0D**

***s ActiveScenes Scene "Scene 4 Name" IsPlaying: 0/x0D**

***s ActiveScenes Scene "Scene 5 Name" IsPlaying: 0/x0D**

**** end/x0D**

Play scenario

Controller -> Polywall:

xCommand Scenarios Scenario "Scenario 2 Name" Play/x0D

Polywall -> Controller:

OK/x0D

***r ScenariosPlayScenarioResult (status=OK)/x0D**

**** end/x0D**

Stop scenario

Controller -> Polywall:

xCommand Scenarios Stop/x0D

Polywall -> Controller:

OK/x0D

***r ScenariosStopScenarioResult (status=OK)/x0D**

**** end/x0D**

Play (display) scene

Controller -> Polywall:

xCommand ActiveScenes Scene "Scene 5 Name" Play/x0D

Polywall -> Controller:

OK/x0D

***r ActiveScenesPlaySceneResult (status=OK)/x0D**

**** end/x0D**

Get "Main states" of active visualizers

Controller -> Polywall:

xStatus ActiveVisualizers Visualizers/x0D

Polywall -> Controller:

OK/x0D

***s ActiveVisualizers VisualizerId 10 CloneDisplayId 1 IsMain 1/x0D**

***s ActiveVisualizers VisualizerId 10 CloneDisplayId 2 IsMain 0/x0D**

***s ActiveVisualizers VisualizerId 10 CloneDisplayId 3 IsMain 0/x0D**

***s ActiveVisualizers VisualizerId 11 CloneDisplayId 1 IsMain 0/x0D**

***s ActiveVisualizers VisualizerId 11 CloneDisplayId 2 IsMain 1/x0D**

**** end\x0D**

Main Visualizer changed

Polywall -> Controller:

***s MainVisualizerDisconnected VisualizerId 10 CloneDisplayId 2 NewMainCloneId 3/x0D**

**** end/x0D**

Last visualizer with certain id disconnected

Polywall -> Controller:

***s MainVisualizerDisconnected VisualizerId 10 CloneDisplayId 2 NewMainCloneId 0/x0D**

**** end/x0D**

MS PowerPoint source control

Polywall -> Controller:

xCommand PowerPoint Next/x0D

xCommand PowerPoint Previous/x0D

Warning!

- Do not use /x0D and type common quotes while checking API commands in PuTTY or similar software.
- It is strongly recommended to set a delay between running scenarios for 5 seconds at least.