

roDeviceInfoEvent

Available since Roku OS 8.

The roDeviceInfo component sends the roDeviceInfoEvent with the following predicates that indicate its valid event types:

isStatusMessage() as Boolean

Device status has changed.

GetInfo() as Object

Returns an roAssociativeArray containing one of the following members:

Member	Type	Description
linkStatus	Boolean	True if the device currently seems to have an active network connection. The linkStatus event will only ever get fired if <code>ifDeviceInfo.EnableLinkStatusEvent(true)</code> is called before entering the message loop.
audioGuideEnabled	Boolean	True if Audio Guide is enabled. The audioGuideEnabled event will only ever get fired if <code>ifDeviceInfo.EnableAudioGuideChangedEvent(true)</code> is called before entering the message loop.
exitedScreensaver	Boolean	True if the screensaver was exited. The exitedScreensaver event will only ever get fired if <code>ifDeviceInfo.EnableScreensaverExitedEvent(true)</code> is called before entering the message loop.
appFocus	Boolean	It is set to False when the System Overlay takes focus and True when the channel regains focus.
generalMemoryLevel	String	<p>generalMemoryLevel fires notifications to the channel about memory levels.</p> <ul style="list-style-type: none">"normal" means that the general memory is within acceptable levels"low" means that the general memory is below acceptable levels but not critical"critical" means that general memory are at dangerously low level and that the OS may force terminate the application <p>This event will be sent first when the OS transitions from "normal" to "low" state and will continue to be sent while in "low" or "critical" states. The events will be throttled so as to not overwhelm the application listening for these events. The application may voluntarily free up memory by invalidating references to objects (e.g. release ContentNodes held in a cache, release offscreen renderable nodes, etc.). The "low" and "critical" events will be sent to the OS forces the application to exit.</p> <p><i>Available since firmware version 8.1</i></p>

isCaptionModeChanged() as Boolean

When the user changes the closed caption mode or track, roDeviceInfoEvent of type isCaptionModeChanged() is sent.

GetInfo() as Object

The developer can call `GetInfo()` on the event to know the current global setting for the Mode property.

The possible return values are those listed for the Mode property:

- "On"
- "Off"

- "Instant replay"
- "When mute"

Note: "When mute" is only returned for a TV, as this option is not available on STBs.