

# NServiceDeviceManager

Published 2014-10-28 | (Compatible with SDK 4.5,5.0,5.1 and 2012,2013,2014 models)

Interface NServiceDeviceManager		
Constants	Constant type	Constants
	ERROR_CODE	ERROR_CODE_NO_ERR Number Call succeeded.  ERROR_CODE_ERR Number Call failed.
	MANAGER_EVENT	MGR_EVENT_DEV_CONNECT Number A device is connected.  MGR_EVENT_DEV_DISCONNECT Number A device is disconnected
Method	void getNServiceDevices(successCallback, errorCallback)  void registerManagerCallback(callbackFn(ManagerEvent))  Number broadcastMessage(DOMString message)  Number multicastMessage(DOMString groupID, DOMString message)	

Method void getNServiceDevices(successCallback, errorCallback)	
Request to get NService devices instances.	
Parameter	successCallback function: callback function name of type callbackFunction(deviceArray), deviceArray is an array of NServiceDevice device instances errorCallback function : callback function name of type callbackFunction()
Return Value	None
Example	webapis.nservice.getNServiceDevices(successCallback, errorCallback);

Method void registerManagerCallback(callbackFn(ManagerEvent))	
Request to set callback function to receive NService device manager events such as MGR_EVENT_DEV_CONNECT or MGR_EVENT_DEV_DISCONNECT.	
Parameter	callbackFn function : callback function that has prototype given as void callbackFn (ManagerEvent)
Return Value	None
Example	webapis.nservice.registerManagerCallback(cbFunc);

Method Number broadcastMessage(DOMString message)	
broadcasts a message from TV application to all connected NService devices.	
Parameter	message DOMString : message to broadcast
Return Value	ERROR_CODE_NO_ERR if call is successful, else ERROR_CODE_ERR (Number)
Example	webapis.nservice.broadcastMessage(message);

Method Number multicastMessage(DOMString groupID, DOMString message)	
multicasts messages from TV application to all connected NService devices in a specified group.	
Parameter	groupID DOMString : group ID of the group to multicast to
Parameter	message DOMString : message to multicast
Return Value	ERROR_CODE_NO_ERR if call is successful, else ERROR_CODE_ERR (Number)
Example	webapis.nservice.multicastMessage(groupID, message);

#### Warning

This module is only supported on Samsung Smart TV models for 2013 and later. Samsung SDK 4.1 or higher could be used for development of NService applications.