

Web API Parameter

Handle

“Handle” is the general term for something which is stored. There are handles for every item: for playbacks, palettes, workspaces, groups, fixtures and more. To get an impression what handles are in your show you might use [Titan IDs](#).

With regards to the Web API there are three ways to identify a handle:

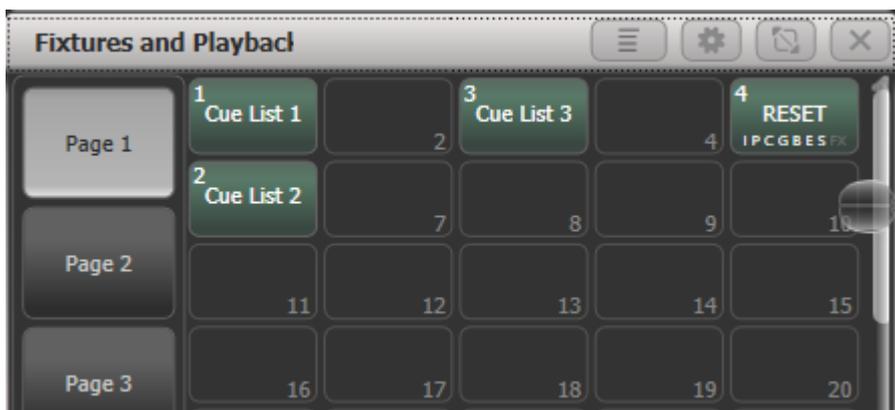
- by usernumber - this is the number you set using Set Legend in Titan. In order to use this method denote the handle as
handle_userNumber=2
- by location - this is the 'place' where you find this item in the Titan UI, e.g. the 6th button on page 1 in the Fixtures and Playbackswindow. In order to use this method identify the handle as handle_location=Presets_1_6
 - 'Presets' is the handle group i.e. the workspace window “Fixtures and Playbacks”. See [Location](#) for the available groups
 - 1 is the page number (1-based)
 - 6 is the button number on that page (1-based)
 - all three parts are concatenated with underscores `_`. [Titan IDs](#) already gives the correct location string.
- by Titan ID. Everything in the show has a unique ID which is set by the system and cannot be changed by the user. You can get the Titan IDs of your show with [Titan IDs](#). There are some useful reserved IDs for masters, see [titanId](#). In order to use this method to identify a handle the notation is
handle_titanId=2335.

Example

Let's assume we want to kill a particular cuelist using [Playbacks/KillPlayback](#). The prototype for this is

```
http://[ip]:4430/titan/script/2/Playbacks/KillPlayback?handle={handle}
```

Given a show where a cuelist is recorded in the Fixtures and Playbacks window (group: Presets), page 1, button 6, and this cuelist (here: Cue List 2) has the user number 2:



Luckily [Titan IDs](#) already shows the Titan ID and the correct location (it's the "Computed Web API Location string").

Legend	Usenumber	Type	Titan ID	Location	Computed Web API Location string
Cue List 1	1	cueListHandle	2219	{"group":"Presets","index":0,"page":0}	Presets_1_1
Cue List 3	3	cueListHandle	2762	{"group":"Presets","index":2,"page":0}	Presets_1_3
RESET	4	cueHandle	2867	{"group":"Presets","index":4,"page":0}	Presets_1_5
Cue List 2	2	cueListHandle	2335	{"group":"Presets","index":5,"page":0}	Presets_1_6
Cue List 5	5	cueListHandle	2905	{"group":"RollerA","index":0,"page":0}	Playbacks_1_1
All Rich MH3 Beam	1	groupHandle	1949	{"group":"Groups","index":0,"page":0}	Groups_1_1

We can kill this cuelist by one of the following ways:

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle_userNumber=2` - by user number

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle_location=Presets_1_6` - by location

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle_titanId=2335` - by titan Id

It appears that Titan applies some guessing and interprets the handle as userNumber if no other type is defined. Hence,

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle=2` does also work.

Errors

Various errors may result from wrong or incomplete parameters:

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle=Presets_1_6` does not work and throws the error

"Error: Failed to parse value to AcwUserNumber"

Reason: the part `_location` is missing, thus Titan tries to parse this as userNumber (default), and fails.

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?2` does not work and results in

"Error: Der Objektverweis wurde nicht auf eine Objektinstanz festgelegt." (no object referenced)

Reason: the parameter name and parsing (`handle_userNumber`) and the equal sign is missing.

`http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle_titanId=23350` leads to

"Error: Unable not find handle in group 'playbackHandle' with index

'23350' .\r\nParametername: handle”

Reason: the specified handle could not be found (there doesn't exist a handle in that location/with that titanId)

http://localhost:4430/titan/script/2/Playbacks/KillPlayback? throws
“Error: Die Sequenz enthält kein übereinstimmendes Element.” (no matching element in sequence)

Reason: the handle wasn't correctly specified or not specified at all

http://localhost:4430/titan/script/2/Playbacks/KillPlayback?handle_titanId=
gives

“Error: Die Eingabezeichenfolge hat das falsche Format.” (wrong format)

Reason: the parameter name and parsing was correctly set but no value given.

Used In

- [Parameters](#)
- [CueLists/NextStep](#)
- [CueLists/Play](#)
- [CueLists/SetNextCue](#)
- [Masters/ClearFlash](#)
- [Masters/DeadBlackOut](#)
- [Masters/Flash](#)
- [Masters/SetMaster](#)
- [Masters/SetSpeed](#)
- [Palette/ApplyPalette](#)
- [Playbacks/ClearFlashPlayback](#)
- [Playbacks/ClearSwopPlayback](#)
- [Playbacks/FirePlaybackAtLevel](#)
- [Playbacks/FlashPlayback](#)
- [Playbacks/KillPlayback](#)
- [Playbacks/SetPlaybackLevel](#)
- [Playbacks/SwopPlayback](#)

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