

Job Tags

What are they and why would we use them?

New in Qube! 6.5

We've added 10 new fields to the Qube! job. These will allow you to "tag" your job with any combination of a Show, Shot, Sequence, or Department name, a client code, or 5 other "generic" fields for easier search, sorting, and cost reporting. These tags will be available in the WranglerView job submission UIs, and in the "Job" and "Running Instances" panes. They are not available for jobs submitted from ArtistView, though they can be viewed as columns in the job view there.

Contents

- Basics
 - Stock Tag Names
 - Generic Tag Names
- Tags and Job Submission
 - Tag fields pull-down lists are auto-populated
- Tags and the Qube! API

Basics

Stock Tag Names

Five tags are named after common ways that studios manage their projects:

1. show
2. shot
3. seq (sequence)
4. client
5. dept

Generic Tag Names

Five more are 'generic' names for those customers whose needs are not met by 1 or more of the 5 "stock" fields. These will appear in the WranglerView and QubeArtistView as:

1. Custom1
2. Custom2
3. Custom3
4. Custom4
5. Custom5



If your site elects to use the generic fields, you should ensure that you use them consistently. If, for example, you have a "category" value, and you decide you want your Custom1 field to store your Category values, do not use the Custom1 field for anything else. Also do not store the Category values in any other of the custom fields. If you do erroneously enter a value into an incorrect field, you can always "modify" the job at a later date to fix this.

Future versions of Qube! will allow for an alternate name to be displayed for these "generic" fields; QubeArtistView currently provides for a way to do this in the user preferences ([see here](#)), but the design goal is to define these on the supervisor, and not have to define them for each user.

Jobs Running Instances Workers												
Job counts: Displaying: 3,288 Retrieved: 3,288 Total in Qube: 3,288												
Id	State	Show	Shot	Seq	Client	Dept	Custom1	Custom2	Custom3	Custom4	Custom5	% Done
34792	complete	showA	shotA	seqA					cf3			100% (1/1)
34791	complete											100% (1/1)
34790	complete	short sh...										100% (1/1)
34789	complete	new Sho...	newS ho...	new Seq 2					new cf3	new cf4	new cf5	100% (6/6)
34788	complete											100% (1/1)
34787	complete	showA_v1	shotA_v1	seqB_v1			cf1_v1		cf3_v1	cf4_v1	cf5_v1	100% (1/1)
34786	complete	root show	root shot									100% (1/1)
34785	complete	a new s ...										100% (1/1)
34784	complete	newShow		newSeq								100% (1/1)
34783	complete	showA	shotA	seqB			cf1		cf3			100% (1/1)
34782	complete	showA	shotA	seqA			cf1		cf3			100% (1/1)
34781	complete	showA	shotA	seqA					cf3			100% (1/1)
34775	complete	my show										100% (3/3)
34774	complete											100% (1/1)
34773	complete	show1										100% (1/1)
34765	complete	root show	root shot									100% (1/1)
34764	complete	a new s ...										100% (1/1)
34763	complete	newShow		newSeq								100% (1/1)
34762	complete	showA	shotA	seqB			cf1		cf3			100% (1/1)
34761	complete	showA	shotA	seqA			cf1		cf3			100% (1/1)
34760	complete	showA	shotA	seqA					cf3			100% (1/1)
34759	complete	showB	shotB	seqB								100% (1/1)
34758	complete	show 3	shotA									100% (1/1)
34757	complete	show 2										100% (1/1)
34756	complete	show tag	shot tag	seq tag	client tag	dept tag	c1 tag		c3 tag	c4 tag	c5 tag	100% (1/1)
34755	complete											100% (3/3)
34754	complete	my show										100% (3/3)

Tags and Job Submission

Tag fields can be displayed or suppressed in the job submission UI's by settings in the WranglerView user preferences:

Qube Preferences

Job Tag Display

☐ Show only tags from my jobs in the tag pull-downs

Show

☒ Display this field

☐ Only in Expert mode

Shot

☒ Display this field

☐ Only in Expert mode

Seq

☒ Display this field

☒ Only in Expert mode

Client

☐ Display this field

☐ Only in Expert mode

Dept

☐ Display this field

☐ Only in Expert mode

Custom1

☐ Display this field

☐ Only in Expert mode

Custom2

☐ Display this field

☐ Only in Expert mode

Custom3

☐ Display this field

☐ Only in Expert mode

Custom4

☐ Display this field

☐ Only in Expert mode

Custom5

☐ Display this field

☐ Only in Expert mode

Image View Panel

If the "Only in Expert Mode" field is checked, then the tag field will normally be hidden, but can be exposed by ticking the "Expert mode" checkbox at the bottom of the submission UI.

Tag fields pull-down lists are auto-populated

The tag fields in the submission UI's can be manually filled in, or the user can select from a list of values that already exist in the Qube job database. Manually entering a new value and then submitting the job will automatically enable that new tag name to be displayed in your and other users' pull-down lists.

For those sites with a large number of tags for a given field (hundreds of shots for example), the "Show only tags from my jobs" checkbox in the

Tags preferences can be used to filter down the size of the pull-down list.

The screenshot shows a window titled "Submit cmdline" with several sections. The "Qube Job Basics" section contains fields for "Name" (cmdline Job), "Priority" (9999), and "Instances" (1). The "Parameters" section has a "Command" field. The "Qube Job Tags" section has "Job Show" and "Job Shot" fields. A dropdown menu is open next to the "Job Show" field, displaying a list of tags: "a new show", "my show", "new Show 2", "newShow", "root show", "short show", "show 2", "show 3", "show tag", "show1", "showA", "showA_v1", "showB", and "showName". The "Qube Worker Selection" section is empty. The "Qube Advanced Job Control" section has checkboxes for "Email (job complete)" and "Email (failed frames)", both with the value "jburk". The "Qube Job Environment" section is empty. The "Qube Job Validation & RegularExpression-based Output Parsing" section is empty. The "Qube Actions" section is empty. The "Qube Notes" section has a "Notes" field.

Tags and the Qube! API

The tags are attributes at the top level of the job object, and are all prefaced with `prod_`.

- `prod_show`
- `prod_shot`
- `prod_seq`
- `prod_client`
- `prod_dept`
- `prod_custom1`
- `prod_custom2`
- `prod_custom3`
- `prod_custom4`
- `prod_custom5`

They are accessible as top-level keys in the job dictionary as:

`job['prod_show']`, `job['prod_seq']`, etc...