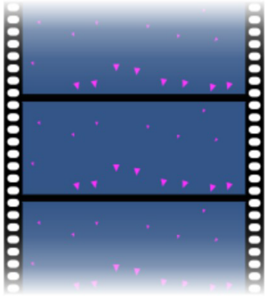
Daily Categories



BLD_LIE_5260_matchMove_v191.mov

category: **matchMove**
subcategory: **cones**

Each daily published in the pipeline is capable of having one **category** and one **subcategory**, which are text tags that help organize and identify it. The category identifies the daily's pipeline stage (for example, "assets"), while the sub-category specifies its purpose (for example, "contactSheet").

All shows start with a default collection of categories and subcategories. These defaults are just recommendations. Departments can add default categories to Jabuka locations based on their workflows' needs.

CG Sups and Pipeline members configure BRPs to tag dailies with categories, but any Gaffer graph that publishes dailies can tag them, too.

Contents [hide]

Subcategories [edit | edit source]

Each default category has a **"main" subcategory**. A "main" daily is a standard reviewable daily, and represents a bundle version. In the shot pipeline, a "main" daily shows a department task's work in a cut context. In the asset and cine pipelines, a "main" daily shows a department task's work in context with the asset.

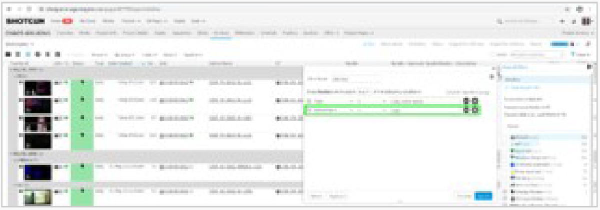
Any other subcategories, such as those for tech and QC dailies, are created on a per-department basis.

Using daily categories [edit | edit source]

Shotgun [edit | edit source]

Project page [edit | edit source]

On a show's Shotgun page, under the main *Versions* tab, there are views for *Dailies* and *All Dailies*. By default, categories are taken into account on both these views, but Production can edit these tabs' filter settings to account for sub-categories.

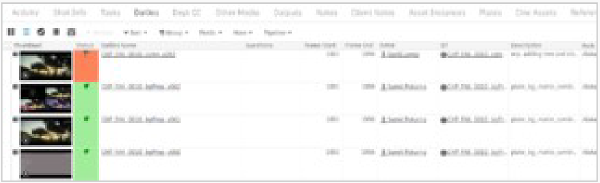


The *Dailies* view on a show's *Versions* tab, filtered to only show dailies with the "main" subcategory.

Individual shot pages [edit | edit source]

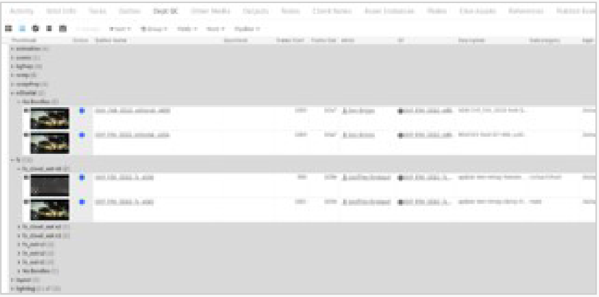
A shot's Shotgun page has two tabs for dailies: *Dailies* and *Dept QC*. Both are sorted by categories in different ways:

- *Dailies* tab: Lists all of the shot's dailies, in chronological order. No grouping. Meant to show a shot's total progress.



A shot's *Dailies* tab. There is no *Subcategory* column, because all dailies are displayed.

- *Dept QC* tab: Lists all of the shot's dailies. Groups them by category, then by bundle. If the daily has no bundle, it will be funnelled into a generic *No Bundles* group. Meant to show bundle-by-bundle progress.



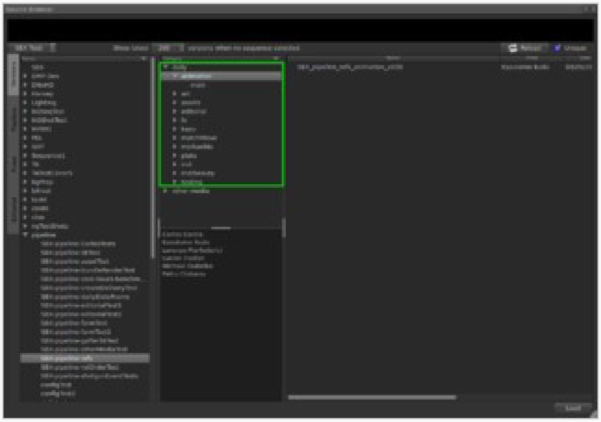
A shot's *Dept QC* tab. The *Subcategory* column indicates each daily's purpose.

> **Tip:** The *Dept QC* tab is a useful way to track version-to-version progress of a department's work on a shot.

> **Note:** The *Dept QC* tab is currently a work in progress. The bundle sorting is unpredictable.

RV [edit | edit source]

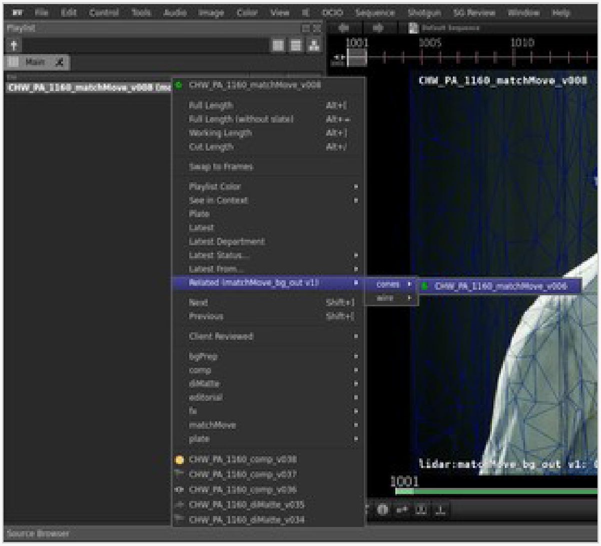
You can filter dailies by their categories using the *Category* list in the Source Browser.



All of a show's categories and subcategories in *Category* list.

In the Playlist, you can also swap the daily with a **related daily**, which is another daily made by the same bundle render version. Since each bundle render typically generates multiple dailies, this is a time-saving method to jump between them.

To swap with a related daily in the Playlist, right-click the daily, then select *Related* > *[subcategory]* > *[daily name]*:



Swapping to a related daily.

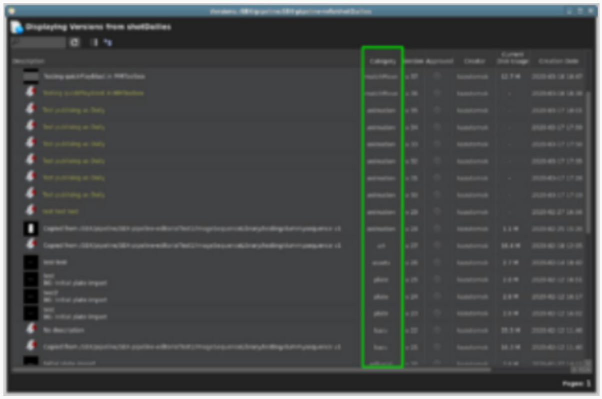
Tip: After swapping to a related daily, the first daily is added to the history stack. You can hit Ctrl + Space to swap between the two dailies.

Jabuka [edit | edit source]

In Jabuka, you can see a daily's associated category:

1. Right-click the shot's main daily at the root of the shot, then select *Versions*. The *Versions* window will open and list the history of every published daily on that shot.
2. Right-click any of the column headers, then select *Add Column*.
3. For *Column name*, type `Category` .
4. From the *Attributes in column* list, check *entityVersionDailyStage*.
5. Click *OK*.

A *Category* column will be added, which you can sort the daily versions by:



A shot's daily versions entity, with a column for categories.

Technical details [edit | edit source]

Jabuka [edit | edit source]

A show's categories and sub-categories are determined by the `dailyCategories` property of its Jabuka location. This property is automatically inherited by the show's sequences and shots from the `IEStandards` module. If necessary, sequence- and shot-level category overrides can be created by localizing this property on their locations.

The `dailyCategories` property is a list of strings. An individual category is defined as a simple string name, with no special formatting: `animation`. A subcategory is also a string, but must be formatted to start with its parent category and a forward slash (/), followed by the subcategory name: `animation/techAnim`.

When a daily is published using the `JabukaDaily` op, an available category and subcategory are added to it as a metadata string.

Subcategories do not depend on a category. If a subcategory string includes a non-existent parent category, the `JabukaDaily` op will add the category as metadata regardless.

Shotgun [edit | edit source]

Shotgun understands categories as two fields on a daily: `category` for categories, and `subcategory` for subcategories. They have no relation to each other in the database, so Shotgun has no awareness of any connection between them. Any Shotgun page that lists dailies can filter and sort them based on these two fields.

When Jabuka writes a published daily to Shotgun, the submitted category and subcategory properties from the Jabuka daily are written to the Shotgun daily's fields.

RV [edit | edit source]

Like other media, RV will read dailies' category and subcategory data from the daily in Shotgun, not Jabuka.

Adding a default daily category [edit | edit source]

Default daily categories are added and inherited like any other location property.

To add a default daily category:

1. In Jabuka, navigate to the show.
2. Click », then select *Properties*.
3. Under the *Location Properties* tab, find the *Daily Categories* field.

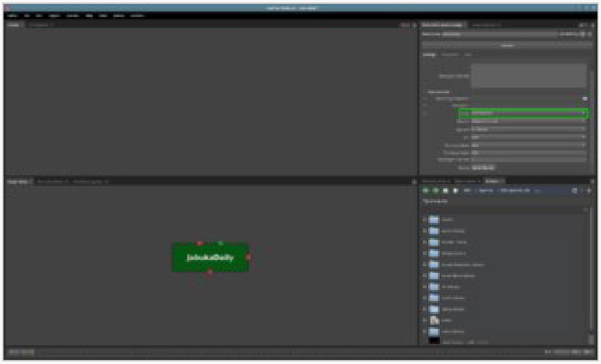
4. Click + to add a new category/subcategory, or double-click an existing category to edit it.
5. To publish your changes, click *Save Modifications (New Version)*.

The new or edited categories will now be available to ops that publish dailies based on content from this location.

Adding daily categories in Gaffer [edit | edit source]

JabukaDaily node [edit | edit source]

Since it is the main procedure that triggers the `JabukaDaily` op, the JabukaDaily node is responsible for writing the category metadata to dailies. The category and subcategory it publishes with are determined by the Stage plug. The default categories available to the plug in the Node Editor are read from the location determined by the current environment. Typically, this plug will have its value driven in a BRP.

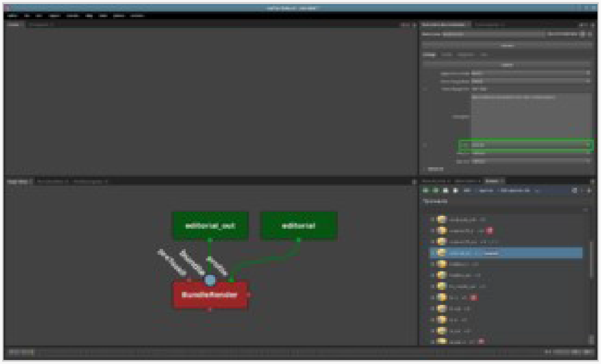


A JabukaDaily node with a category-subcategory pair chosen from its Stage plug.

BundleRenderNode node [edit | edit source]

The BundleRenderNode node can store a category, but does not do anything with this value on its own. The Stage plug determines the category (but not subcategory) for the whole bundle render: it reads them from the location of the bundle connected to its bundle plug.

A BRP's graph can then read the chosen category with `parent["stage"]` in an expression, and then nodes inside of it can be arranged to react to its value.



A BundleRenderNode node with a category chosen from its Stage plug in the Node Editor. The list of categories is read from the bundle node connected to its bundle plug in the Graph Editor.

Here is an example expression code from a BRP that drives the category and subcategory (Stage plug) on a JabukaDaily node:

> **Note:** Once the majority of shows are using Jabuka 7.106.0 and later, the version check can be removed from this code.

```
import os
import distutils

jabukaVersion = os.getenv("JABUKA_VERSION", "0.0.0")
# Read the category from the BundleRenderNode node's Stage plug
stage = parent["stage"]

# List of categories/departments that should use the "contactSheet" subcatego
contactSheetStages = ["bgPrep", "comp", "environment", "fx", "lighting", "mp'

# Make sure the Jabuka version supports categories
if distutils.version.LooseVersion(jabukaVersion) >= distutils.version.LooseVe
    # For the select departments, apply the "contactSheet" category; for the
    if stage in contactSheetStages :
        stage += "/contactSheet"
    else :
        stage += "/main"

parent["JabukaDaily"]["parameters"]["stage"] = stage
```

Categories: Jabuka | Shotgun | RV | Pipeline | CG Sups