

Patchwork Filters

<https://github.com/belenbarrospena/patchwork-redesign>

<https://github.com/belenbarrospena/patchwork-redesign/all-patches.html>

Filters

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Filters

An inventory of the Patchwork filters

Filter		
Series status	All series	
Date	All series	All patches
Submitter	All series	All patches
Reviewer	All series	
Tests	All series	
Patch status		All patches
Delegated to		All patches
Tags		All patches
Search	All series	All patches

An inventory of the Patchwork filters

The table on the left lists all the filters we have added to Patchwork, and the page(s) in which they display.

Currently, we use filters only in the ‘all series’ and ‘all patches’ tables. I’ve left them out of the ‘bundles’ table because current Patchwork does not provide this feature, and we agreed we would simply replicate the existing bundles functionality for the time being.

Filters

The 'Series status' filter

Patchwork project_nameSeriesPatchesBundlesAbout this projectAll projects

Series

The 'Status' filter is separated from all other filters.

Status

Filter by:

Date

Submitter

Reviewer

Tests

Search series title

Showing all series

<input type="checkbox"/>	ID	Series title	Tests	Patch sta
<input type="checkbox"/>	1140	Series starting with: [Intel-gfx,i-g-t] Copy gem_concurrent_all to gem_concurrent_blit	pass	Merged
<input type="checkbox"/>	606	Series starting with: drm/i915: Disable primary plane if we fail to reconstruct BIOS fb	warning	
<input type="checkbox"/>	1112	drm/i915/bxt: Update Uinit sequence for DDI PHYs	fail	Rejected
<input type="checkbox"/>	1126	drm/i915/bxt: Added identifier for MIPI transcoder	pass	Under rev
<input type="checkbox"/>	1115	drm/i915/bxt: Allow/disallow DC5 based on DC9 entry/exit		New
<input type="checkbox"/>	921	drm/i915: Skip fence installation for objects with rotated views (v2)		New
<input type="checkbox"/>	972	drm/i915: Ensure associated VMAs are inactive when contexts are destroyed	pass	
<input type="checkbox"/>	1084	drm/i915: make A0 wa's applied to A1	pass	Reviewed
<input type="checkbox"/>	1080	drm/i915/skl: Correct other-pipe watermark update condition check (v2)	warning	Needs wc
<input type="checkbox"/>	1070	drm/i915: Add extra plane information in debugfs.	pass	Merged
<input type="checkbox"/>	1068	drm/i915: Fix maxfifo watermark calc on vlv cursor planes	pass	Merged

The 'Series status' filter

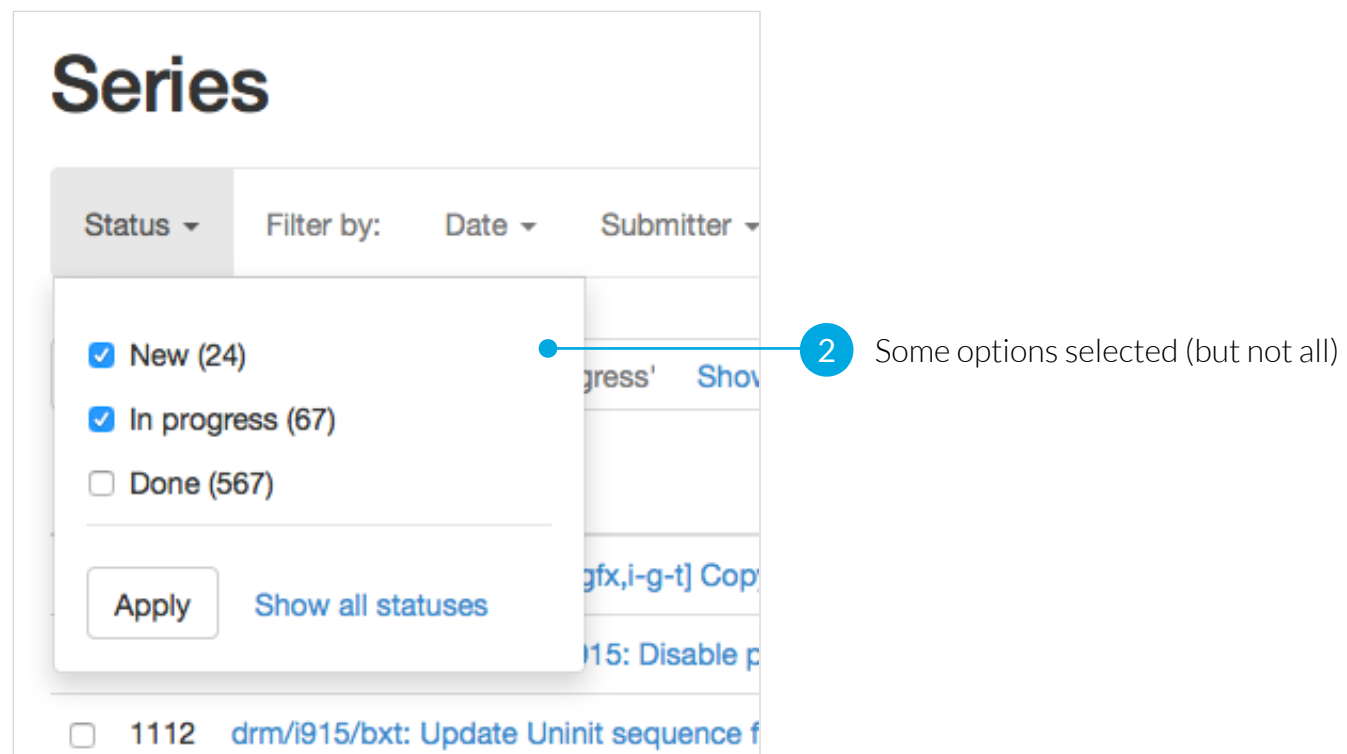
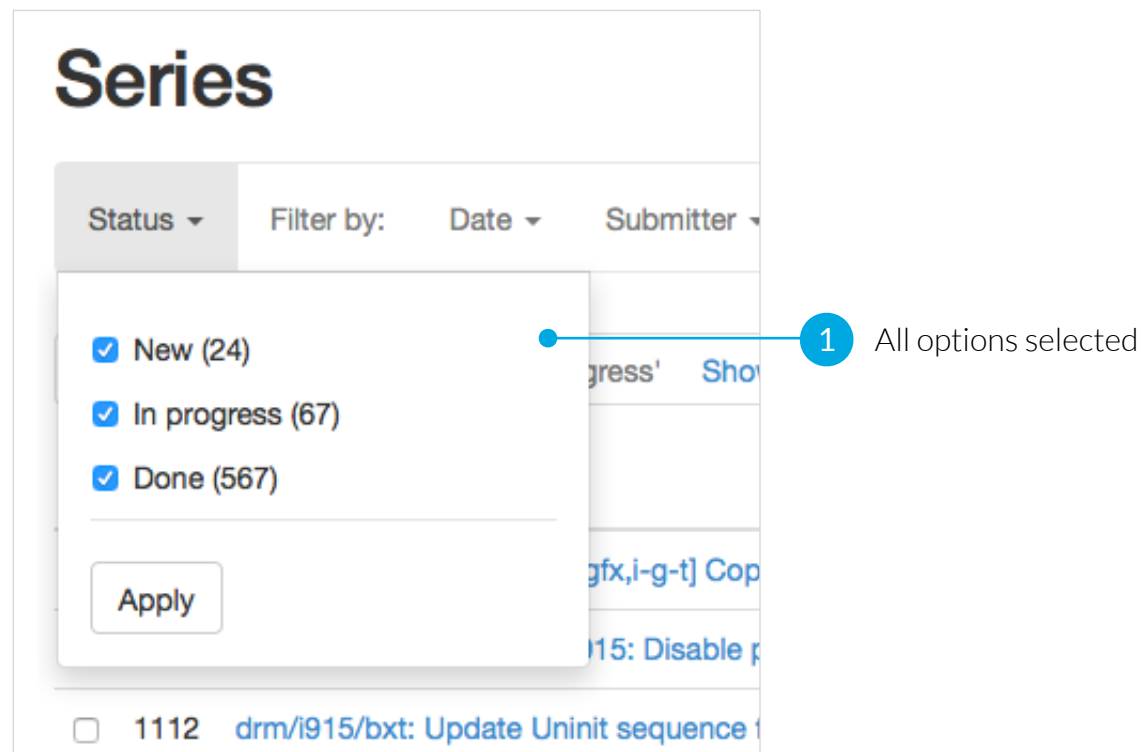
This filter is somehow different from the others, since:

- It cannot be cleared (clearing is really showing all series)
- It is applied in the default table view, which shows series with status 'new' and 'in progress'.

It is therefore set apart from the other, "proper" filters in the series table.

Filters

The 'Series status' filter (II)



The 'Series status' filter

Type: multiple selection

States: 3

1. All options selected
2. Some options selected (but not all)
3. No options selected

Default state: number 2, with the 'New' and 'In progress' options selected.

State 1: All options selected

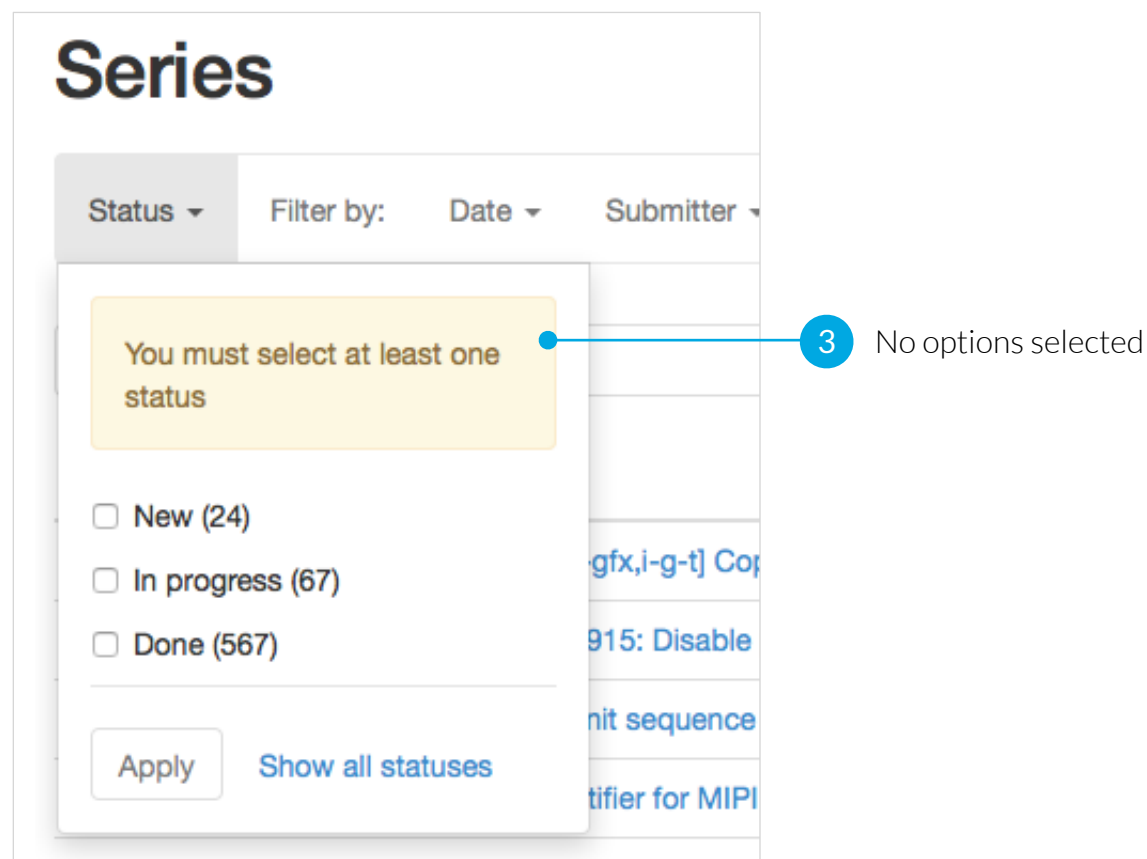
- All checkboxes are checked
- We show an enabled "Apply" button

State 2: Some options selected

- 1 or 2 checkboxes are checked
- We show an enabled "Apply" button
- We show a "Show all statuses" link next to the "Apply" button.

Filters

The 'Series status' filter (III)



State 3: no options selected

- No checkboxes are checked
- We show a disabled "Apply" button
- We show a "Show all statuses" link next to the "Apply" button
- We show a warning telling you that you must select at least one status

The 'Show all statuses' link

Clicking the "Show all statuses" link:

- closes the filter menu
- brings the filter to state 1 (all options selected)
- shows all statuses in the series table

The counters

If we were to implement the counters next to each option, when a counter is 0:

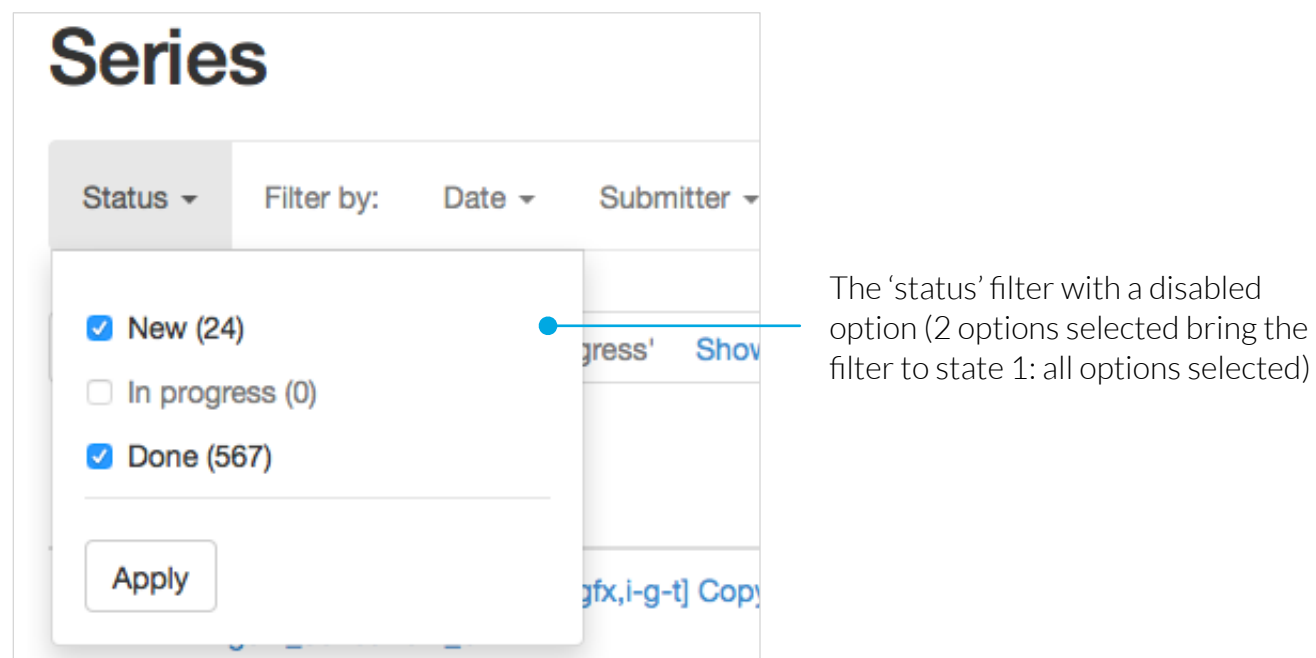
- we disable the checkbox (should be unchecked)
- we apply the 'text-muted' class to the label and set its cursor to 'not-allowed'

A disabled option does not count towards computing the filter states (i.e. if one option is disabled, having 2 selected brings the filter to state 1: all options selected).

This filter is prototyped

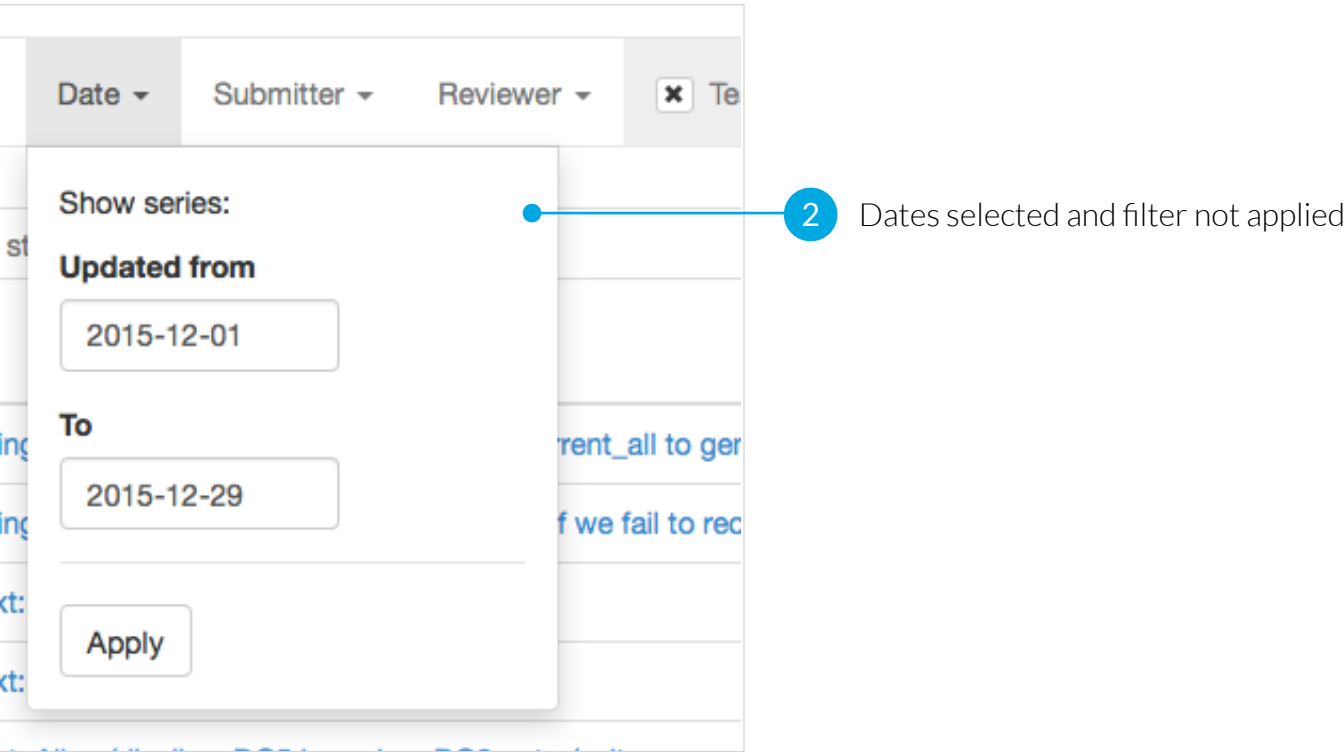
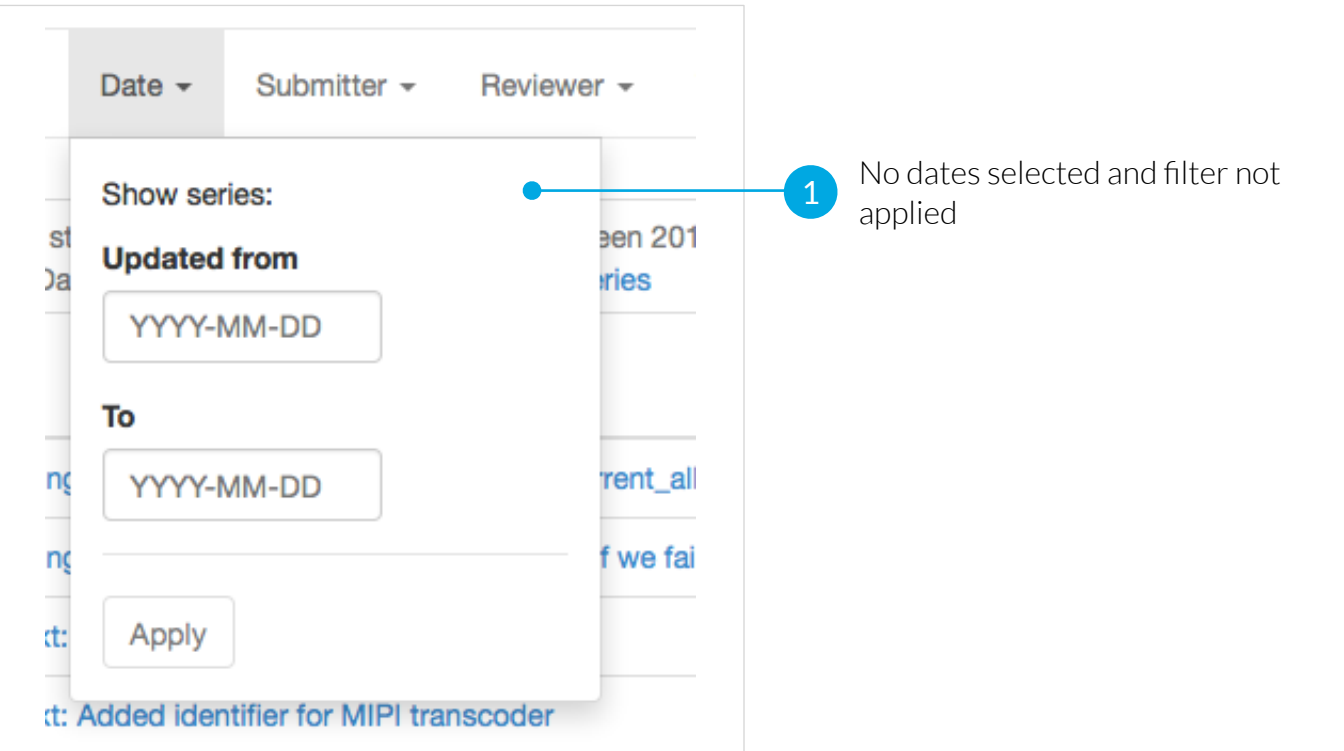
See the interactions described here at:

<http://belenbarrospena.github.io/patchwork-redesign/index.html>



Filters

The 'Date' filter



The 'Date' filter

Type: date range

States: 3

1. No dates selected and filter not applied
2. Dates selected and filter not applied
3. Filter applied

Default state: number 1 (no dates selected and filter not applied).

State 1: No dates selected and filter not applied

- The from and to date fields are empty
- We show a disabled "Apply" button

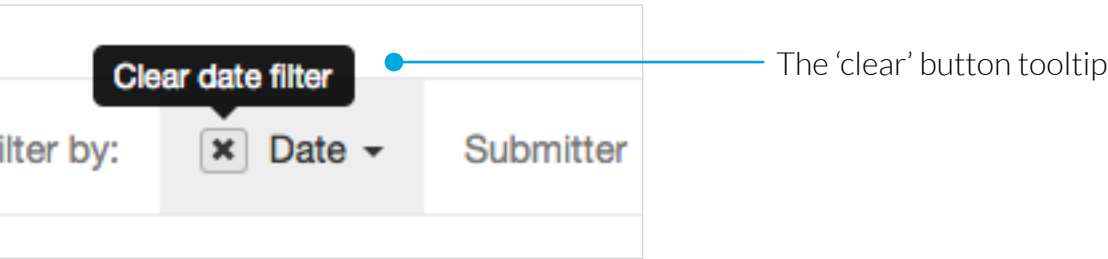
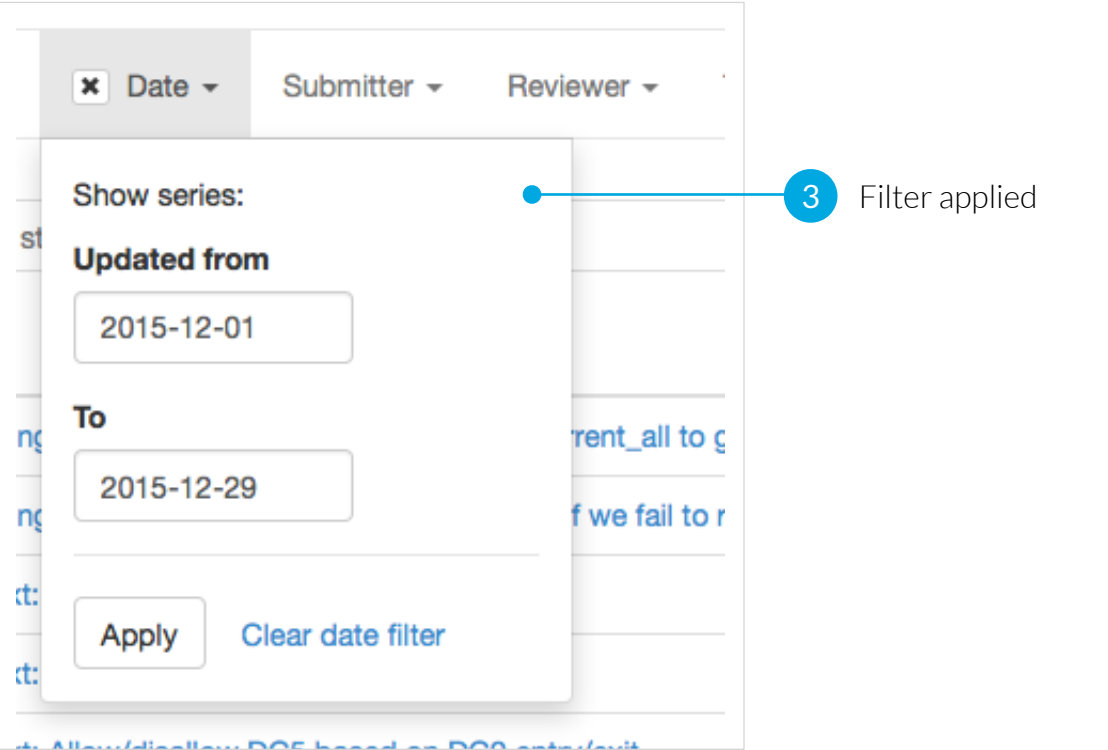
State 2: Dates selected and filter not applied

- A date has been selected in both from and to fields
- We show an enabled "Apply" button

Note that we only enter this state when both dates (from and to) have been entered. While one one date has been provided, the 'Apply' button remains disabled.

Filters

The 'Date' filter (II)



State 3: Filter applied

When you open the 'Date' filter while a filter is applied, you will find the controls in state 2 (dates selected), plus there will be a 'Clear date filter' link next to the 'Apply' button.

When a filter is applied, you also have a 'clear' button in the filter heading with a tooltip that says 'Clear date filter'.

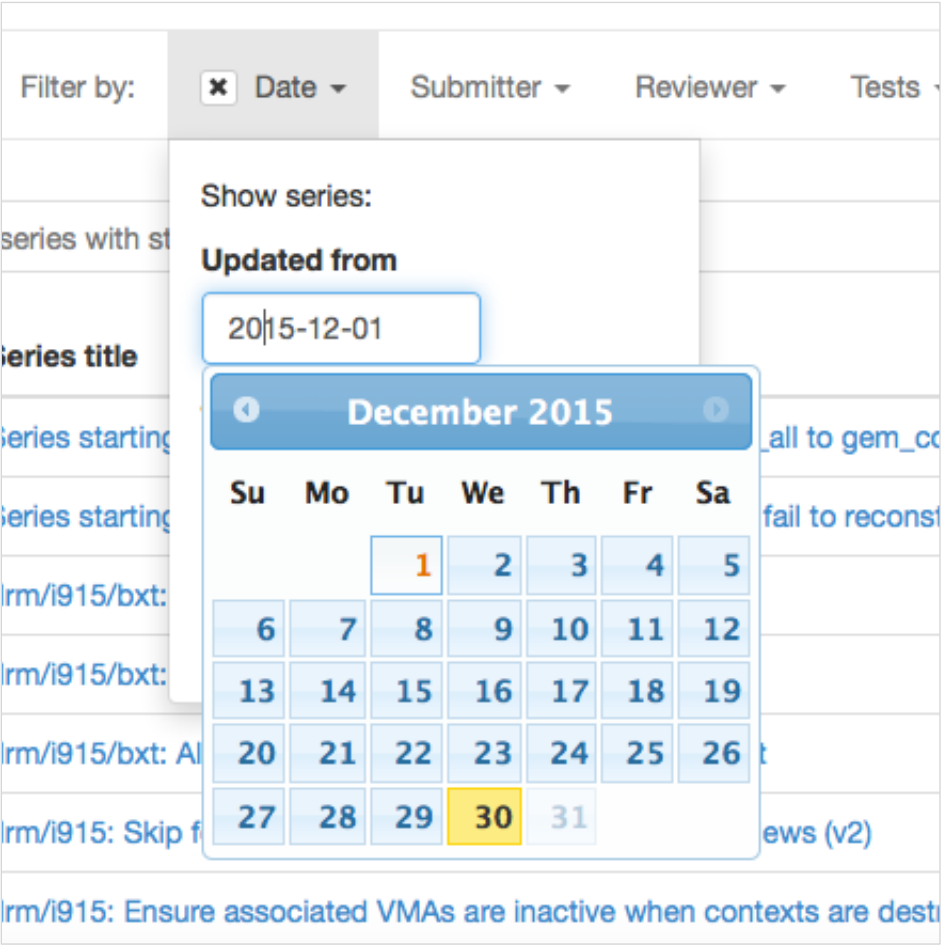
The 'Clear date filter' link and the 'clear' button

These 2 elements do the same thing. When you click one of them, we:

- close the filter menu
- bring the filter to state 1 (no dates selected and filter not applied)
- show back series updated on all dates in the table

Filters

The 'Date' filter (III)



Earliest and latest dates

To avoid tons of validation, in the 'From' calendar widget:

- The earliest date available for selection should be the earliest date of any series / patches shown in the table
- The latest date available for selection should be the latest of any series / patches shown in the table

In the 'To' calendar widget:

- The earliest date available for selection should be the earliest date selected in the 'From' field.
- The latest date available for selection should be the latest of any series / patches shown in the table

This should stop users from entering 'To' dates prior to the 'From' date using the calendar widget. If users type the dates (and type them wrong), we can simply reverse them so that they become a valid range.

A one-day range (i.e. selecting the same date in both 'From' and 'To' fields) is a valid range.

Filters

The 'Date' filter (IV)

Date ▾

Submitter ▾

Reviewer ▾

Show series: ●

Updated from

YYYY-MM-DD

To

YYYY-MM-DD

Apply

The only difference between pages is the string at the top: “Show series” or “Show patches” depending on which page we are.

Date ▾

Submitter ▾

Delegated to ▾

Show patches: ●

Updated from

YYYY-MM-DD

To

YYYY-MM-DD

Apply

Differences between pages

The ‘Date’ filter shows in both the ‘all series’ and ‘all patches’ pages. They behave exactly in the same way in both. The only difference is the string at the top of the filter menu (“Show series” or “Show patches”).

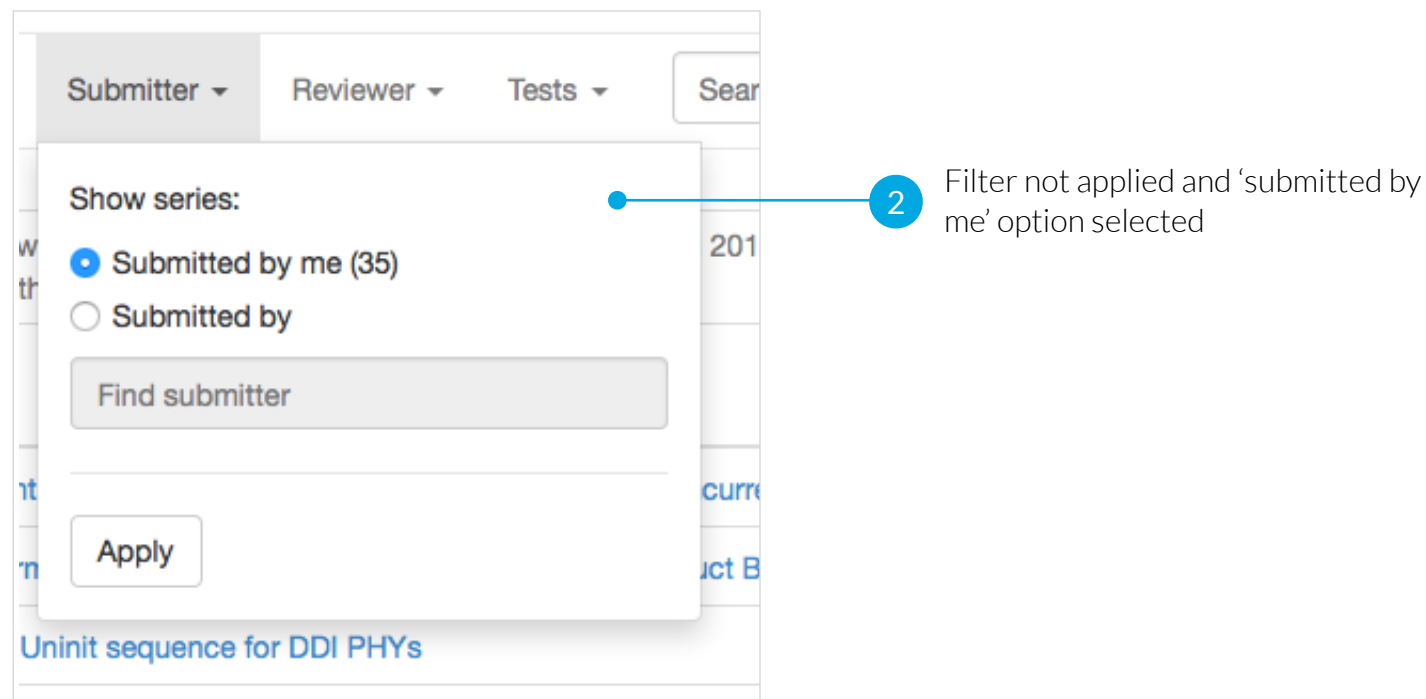
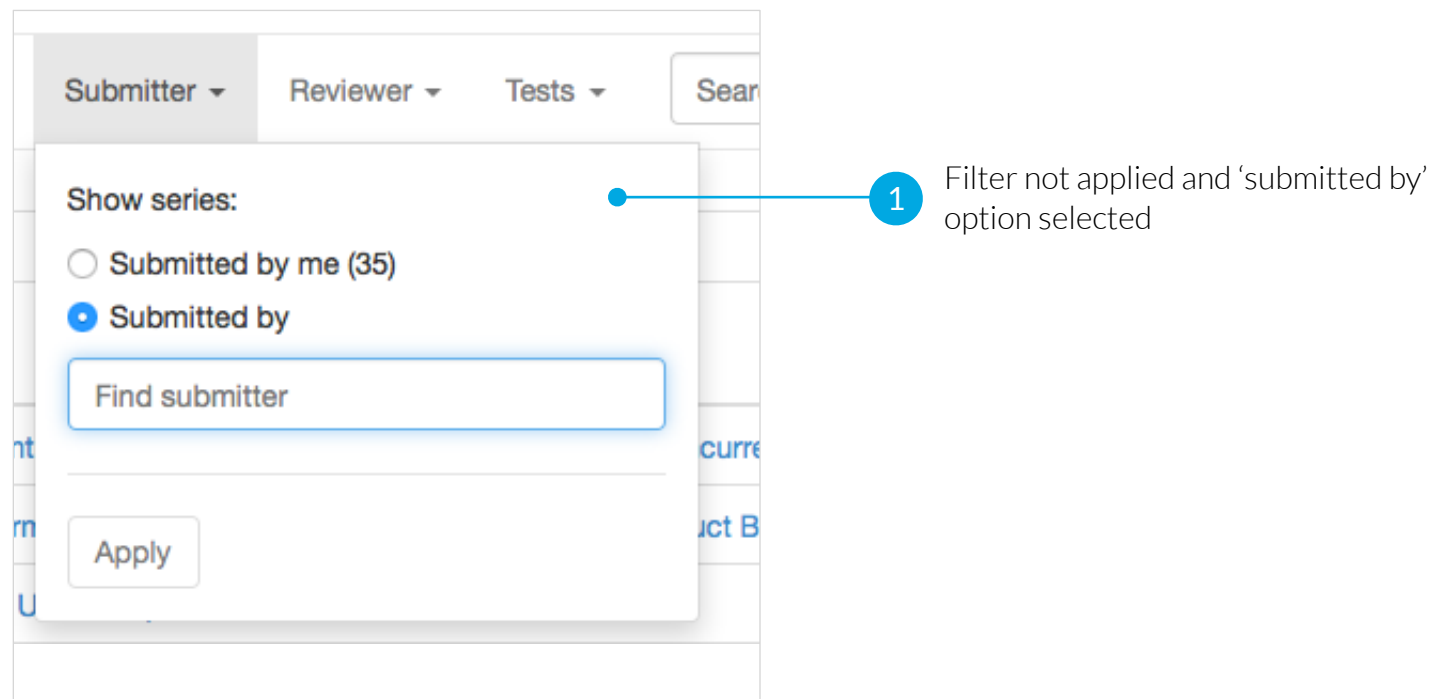
This filter is prototyped

See the interactions described here at:

<http://belenbarrospena.github.io/patchwork-redesign/index.html>

Filters

The 'Submitter' filter



The 'Submitter' filter

Type: single selection (the options in this filter are mutually exclusive).

States: 3

1. Filter not applied and 'submitted by' option selected
2. Filter not applied and 'submitted by me' option selected
3. Filter applied

Default state: number 1 (filter not applied and 'submitted by' option selected).

State 1: Filter not applied and 'submitted by' option selected

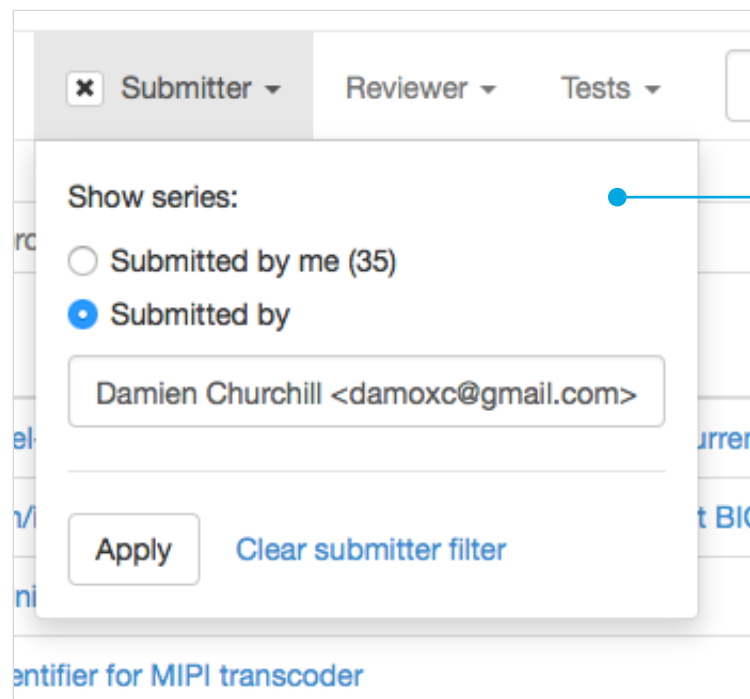
- The 'Submitted by' radio button is selected
- The find submitter text field is empty, enabled and on focus
- The 'Apply' button is disabled. We enable it when you select a submitter.

State 2: Filter not applied and 'submitted by me' option selected

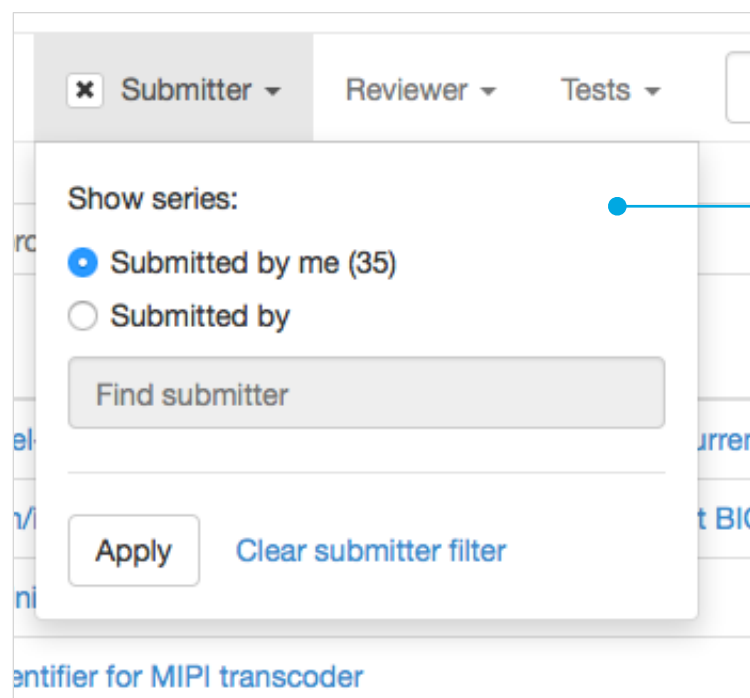
- The 'Submitted by me' radio button is selected
- The find submitter text field is empty and disabled
- The 'Apply' button is enabled.

Filters

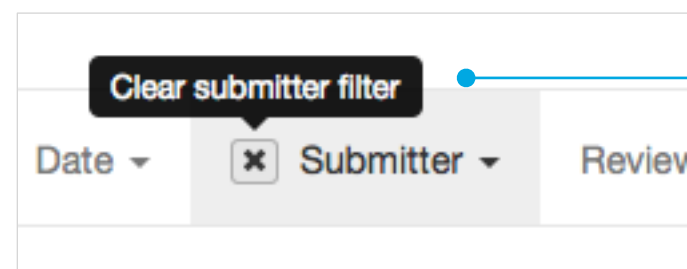
The 'Submitter' filter (II)



3 'Submitted by' filter applied



3 'Submitted by me' filter applied



The 'clear' button tooltip

State 3: Filter applied

When you open the 'Submitter' filter while a filter is applied, you will find the controls in state 1 or 2 depending on the selected option, plus there will be a 'Clear submitter filter' link next to the 'Apply' button.

When a filter is applied, you also have a 'clear' button in the filter heading with a tooltip that says 'Clear submitter filter'.

The 'Clear submitter filter' link and the 'clear' button

These 2 elements do the same thing. When you click one of them, we:

- close the filter menu
- bring the filter to state 1 (filter not applied and 'submitted by' option selected) and empty the find submitter text field
- show back series from all submitters in the table

Filters

The 'Submitter' filter (III)

Submitter ▾ Reviewer ▾ Tests ▾ Search

Show series:

☐ Submitted by me (35)

☒ Submitted by

damien Churchill <damoxc@gmail.com>

- Damien Churchill <damoxc@gmail.com>
- Damien Leone <dleone@nvidia.com>
- Damien Lespiau <damien.lespiau@gmail.com>
- Damien Lespiau

The find submitter field provides autocomplete functionality

Submitter ▾ Reviewer ▾ Tests ▾ Search

Show series:

☐ Submitted by me (0)

☒ Submitted by

Find submitter

Apply

The 'Submitted by me' option when the counter is 0

Submitter autocomplete

Like in the current version of Patchwork, we will use autocomplete functionality to provide a list of valid submitters starting with or containing the string typed in the find submitter field. A valid submitter is one that has submitted one or more of the series / patches being shown in the table (i.e. submitters with 0 series / patches submitted should not display).

Ideally, the suggestions container should scroll so that users can access all the suggestions provided.

Like in the current version of Patchwork, users must select one of the suggestions: they cannot type free text in the find submitter field and apply the filter.

To enforce that, the 'Apply' button should remain disabled until you select one of the presented suggestions. The 'Apply' button should also be disabled whenever the find submitter field is empty.

The counters

If we were to implement the counter next to the 'Submitted by me' option, when the counter is 0:

- we disable the radio button
- we apply the 'text-muted' class to the label and set its cursor to 'not-allowed'

Filters

The 'Submitter' filter (IV)

Submitter ▾ Reviewer ▾ Tests ▾ Search

Show series: ●

☐ Submitted by me (35)

☒ Submitted by

Find submitter

Apply

The only difference between pages is the string at the top: "Show series" or "Show patches" depending on which page we are.

Submitter ▾ Delegated to ▾ Tags ▾ Search

Show patches: ●

☐ Submitted by me (35)

☒ Submitted by

Find submitter

Apply

Differences between pages

The 'Submitter' filter shows in both the 'all series' and 'all patches' pages. They behave exactly in the same way in both. The only difference is the string at the top of the filter menu ("Show series" or "Show patches").

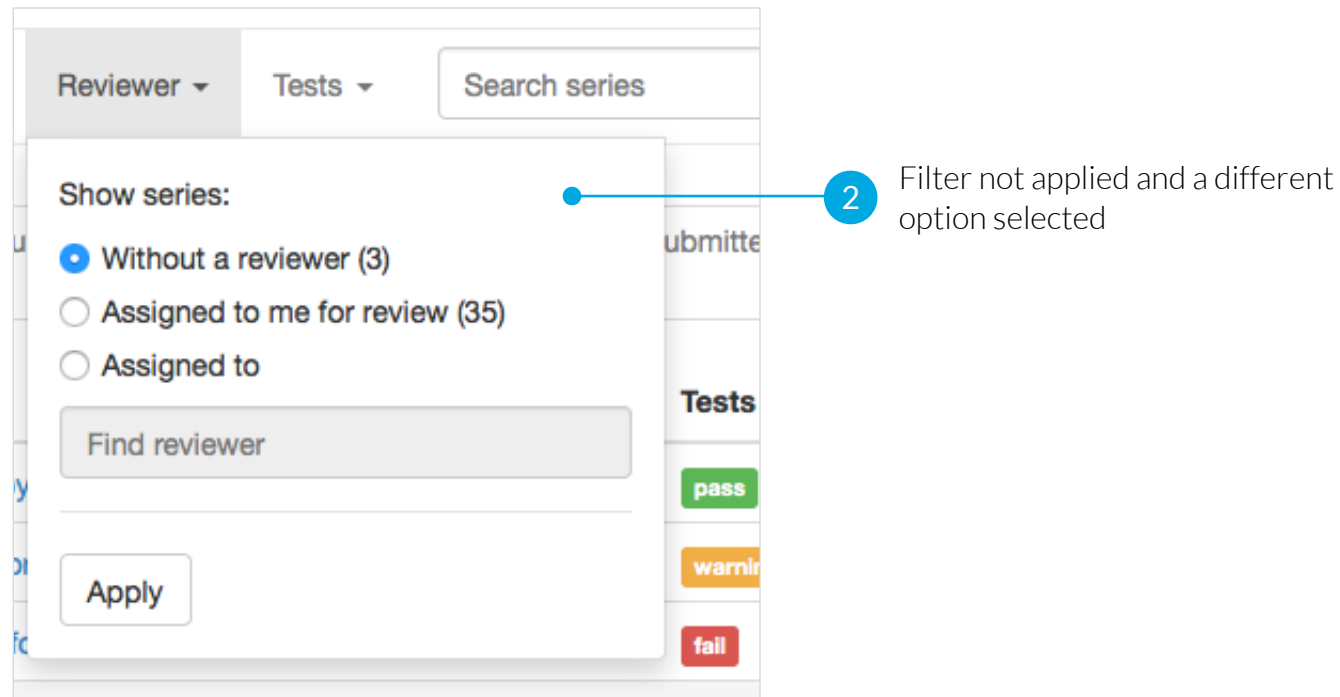
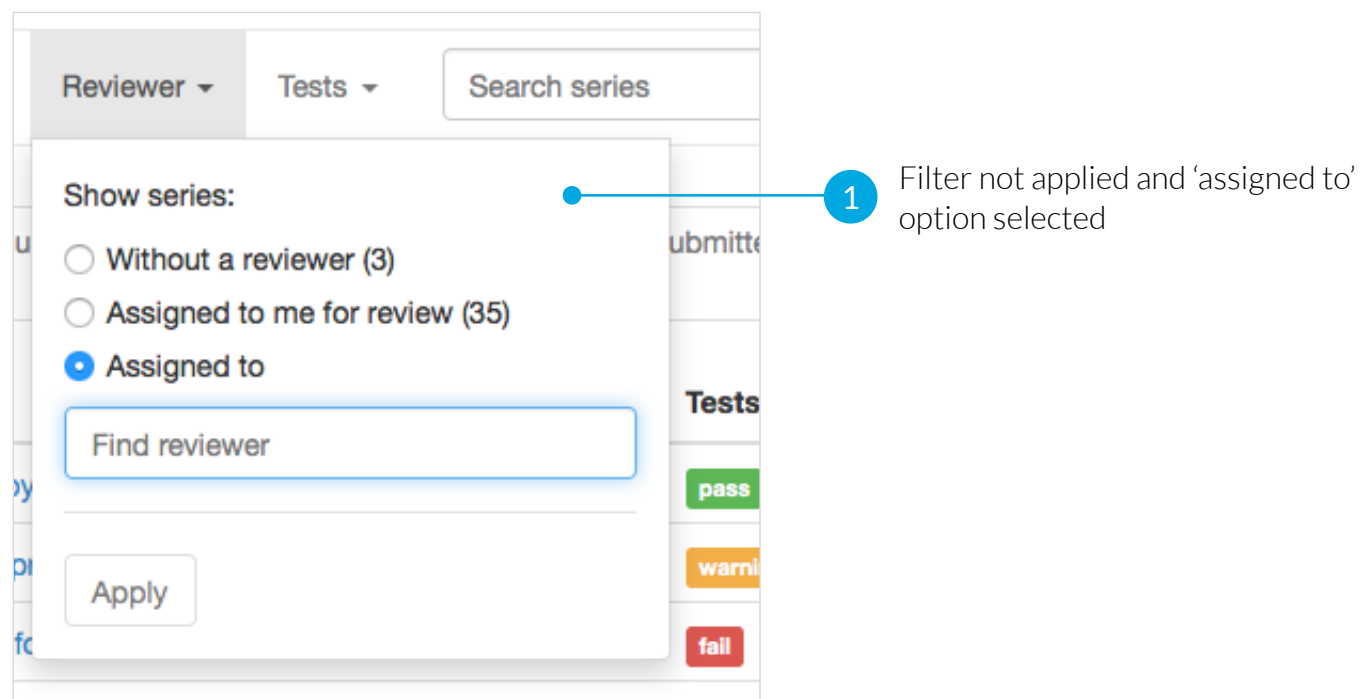
This filter is prototyped

See the interactions described here at:

<http://belenbarrospena.github.io/patchwork-redesign/index.html>

Filters

The 'Reviewer' filter



The 'Reviewer' filter

Type: single selection (the options in this filter are mutually exclusive).

This filter behaves in exactly the same way as the 'Submitter' filter. See pages 10 to 13 of this document and

<http://belenbarrospena.github.io/patchwork-redesign/index.html>

States: 3

1. Filter not applied and 'assigned to' option selected
2. Filter not applied and a different option selected
3. Filter applied

Default state: number 1 (filter not applied and 'assigned to' option selected).

State 1: Filter not applied and 'assigned to' option selected

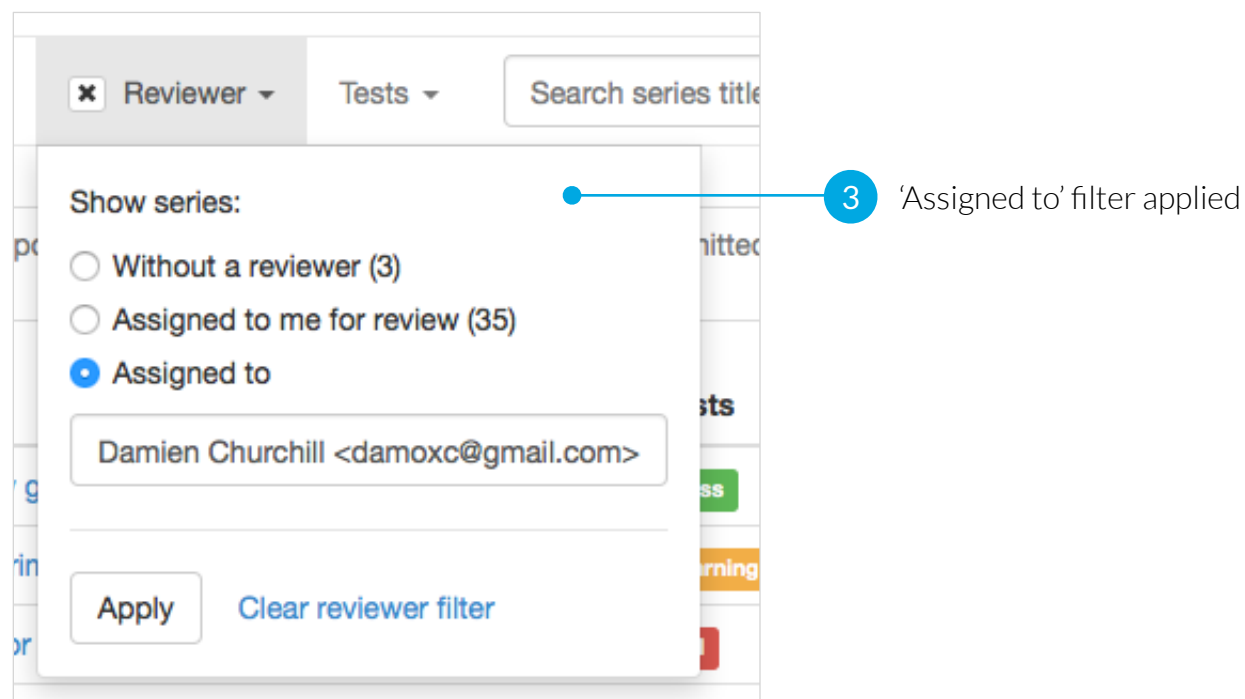
- The 'Assigned to' radio button is selected
- The find reviewer text field is empty, enabled and on focus
- The 'Apply' button is disabled. We enable it when you select a reviewer.

State 2: Filter not applied and a different option selected

- One of the other available options is selected
- The find submitter text field is empty and disabled
- The 'Apply' button is enabled.

Filters

The 'Reviewer' filter (II)



State 3: Filter applied

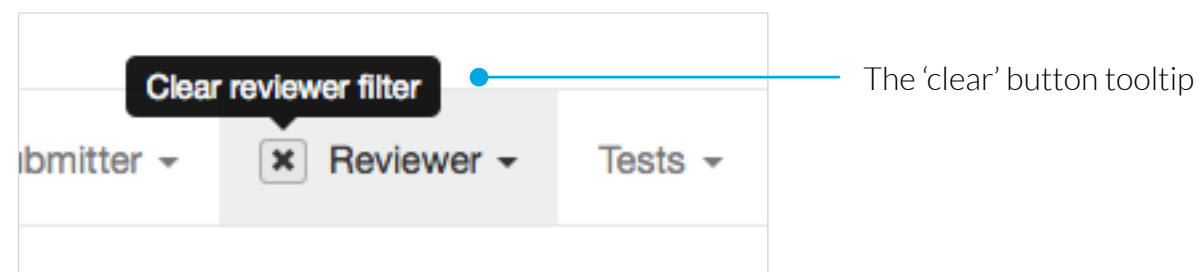
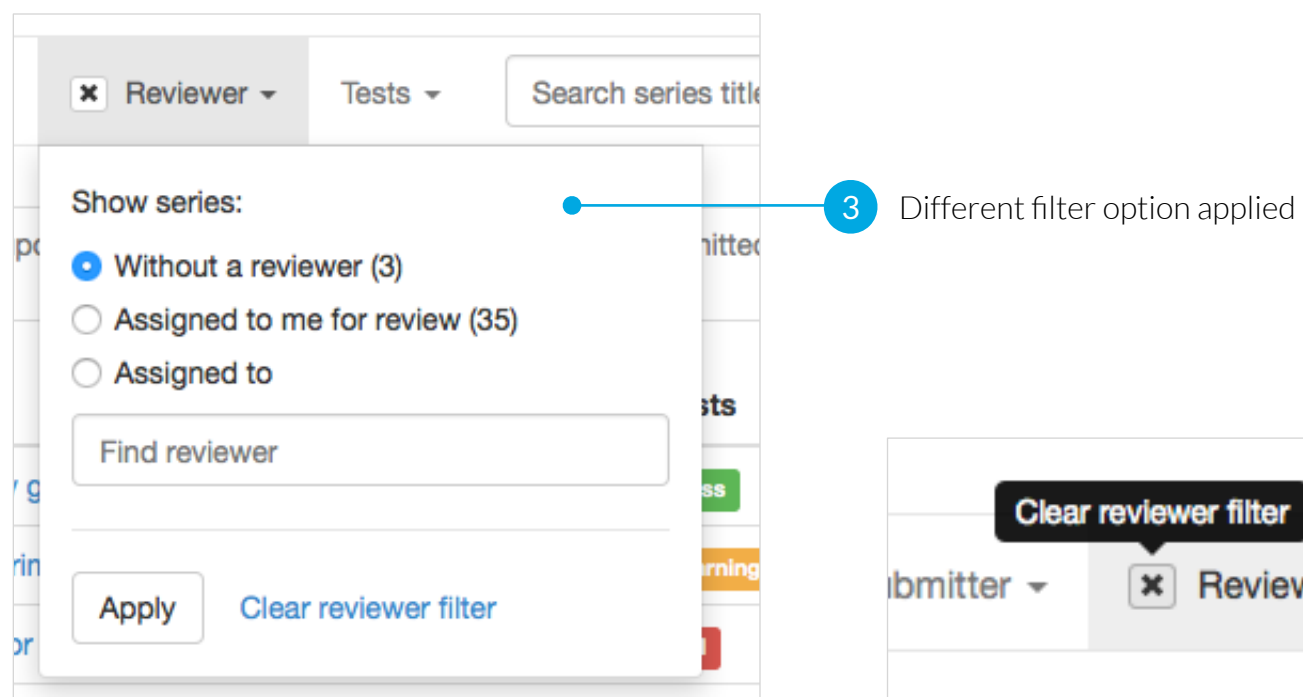
When you open the 'Reviewer' filter while a filter is applied, you will find the controls in state 1 or 2 depending on the selected option, plus there will be a 'Clear reviewer filter' link next to the 'Apply' button.

When a filter is applied, you also have a 'clear' button in the filter heading with a tooltip that says 'Clear reviewer filter'.

The 'Clear reviewer filter' link and the 'clear' button

These 2 elements do the same thing. When you click one of them, we:

- close the filter menu
- bring the filter to state 1 (filter not applied and 'assigned to' option selected) and empty the find reviewer text field
- show back series from all reviewers in the table



Filters

The 'Reviewer' filter (III)

Reviewer ▾ Tests ▾ Search series

Show series:

- ☐ Without a reviewer (3)
- ☐ Assigned to me for review (35)
- ☒ Assigned to

d

Damien Churchill
<damoxc@gmail.com>

Damien Leone <dleone@nvidia.com>

Damien Lespiau
<damien.lespiau@gmail.com>

Damien Lespiau

The find submitter field provides autocomplete functionality

Reviewer ▾ Tests ▾ Search series

Show series:

- ☐ Without a reviewer (0)
- ☒ Assigned to me for review (35)
- ☐ Assigned to

Find reviewer

Apply

The 'Without a reviewer' option when the counter is 0

Reviewer autocomplete

Like in the 'Submitter' filter, we will use autocomplete functionality to provide a list of valid reviewers starting with or containing the string typed in the find reviewer field. A valid reviewer is one that has one or more of the series / patches being shown in the table assigned for review (i.e. reviewer with 0 series / patches assigned should not display).

Ideally, the suggestions container should scroll so that users can access all the suggestions provided.

Users must select one of the suggestions: they cannot type free text in the find reviewer field and apply the filter.

To enforce that, the 'Apply' button should remain disabled until you select one of the presented suggestions. The 'Apply' button should also be disabled whenever the find reviewer field is empty.

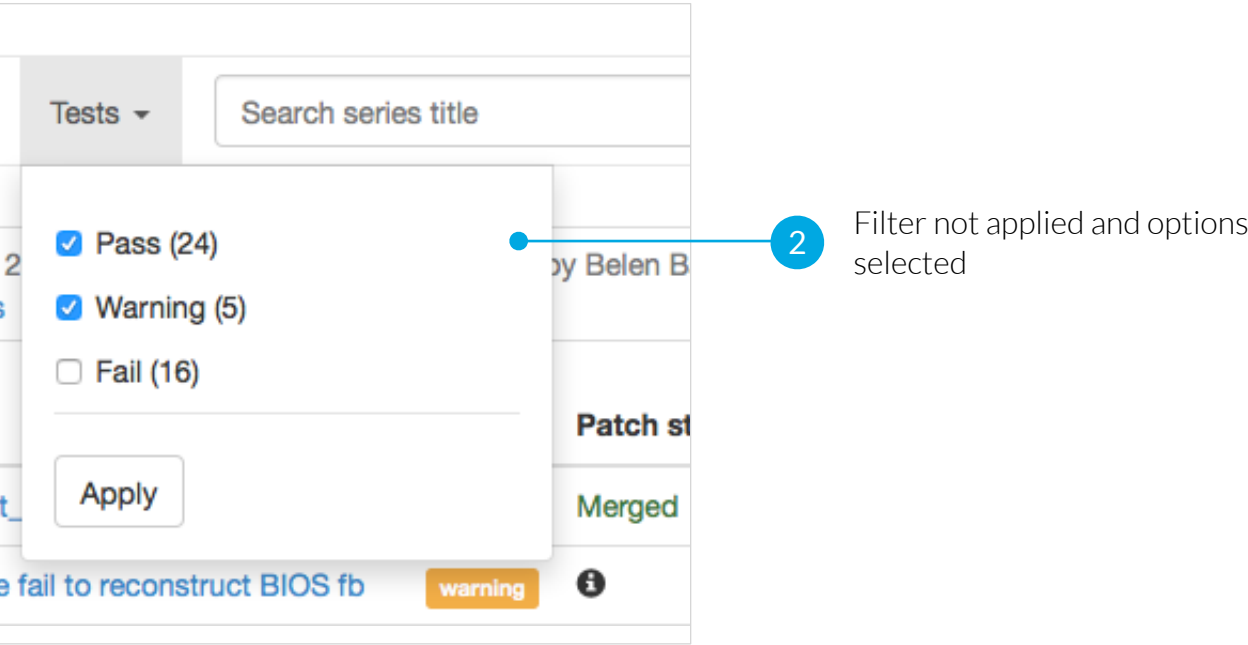
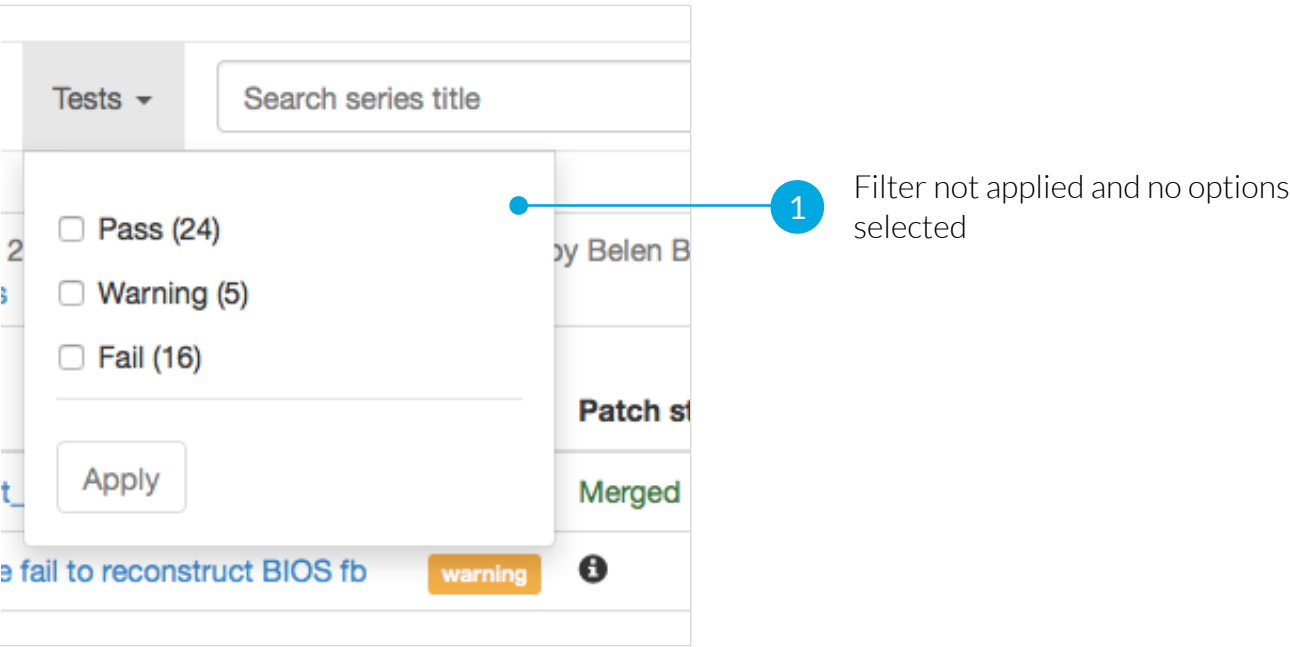
The counters

If we were to implement the counter next to the 'Without a reviewer' and 'Assigned to me for review' options, when the counter is 0:

- we disable the radio button
- we apply the 'text-muted' class to the label and set its cursor to 'not-allowed'

Filters

The 'Tests' filter



The 'Tests' filter

Type: multiple selection.

States: 3

- 1. Filter not applied and no options selected
- 2. Filter not applied and options selected
- 3. Filter applied

Default state: number 1 (no options selected).

State 1: Filter not applied and no options selected

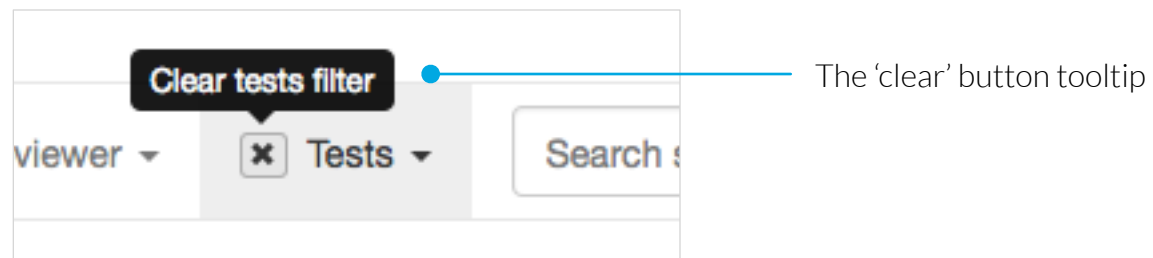
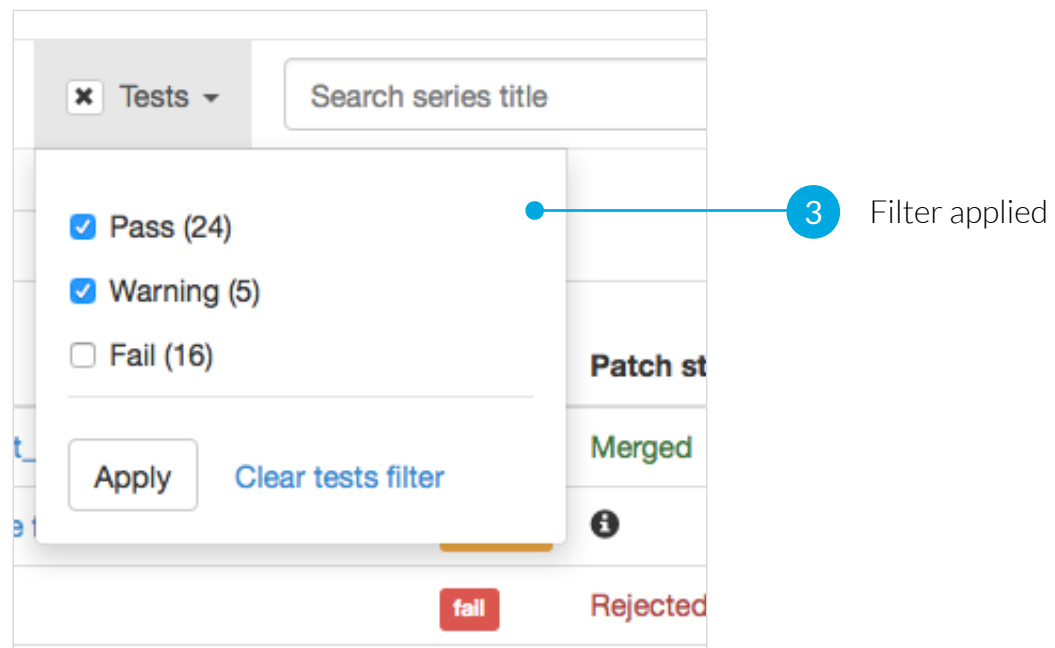
- All checkboxes are unchecked
- We show a disabled "Apply" button. We enable it when you select one of the options in the filter.

State 2: Filter not applied and options selected

- 1 or more checkboxes are checked
- We show an enabled "Apply" button

Filters

The 'Tests' filter (II)



State 3: Filter applied

When you open the 'Tests' filter while a filter is applied, you will find the controls in state 2, plus there will be a 'Clear tests filter' link next to the 'Apply' button.

When a filter is applied, you also have a 'clear' button in the filter heading with a tooltip that says 'Clear tests filter'.

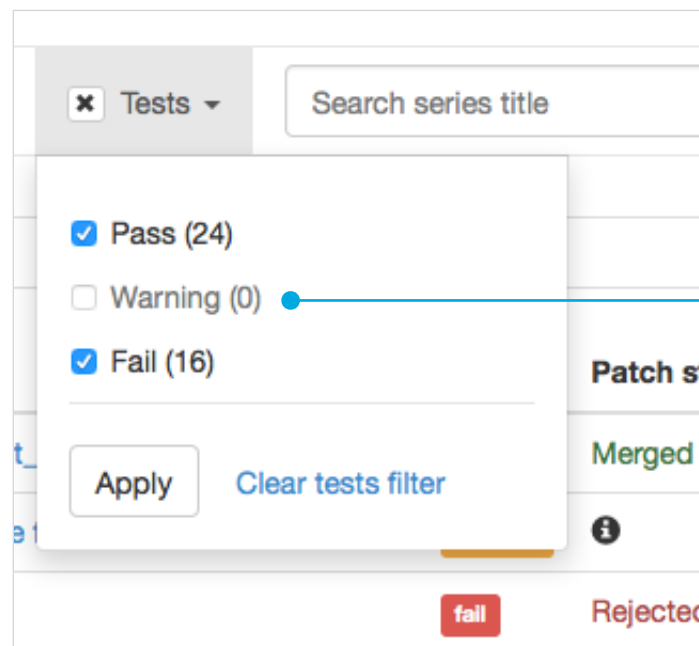
The 'Clear tests filter' link and the 'clear' button

These 2 elements do the same thing. When you click one of them, we:

- close the filter menu
- bring the filter to state 1 (filter not applied and no options selected)
- show back series with or without tests results in the table

Filters

The 'Tests' filter (III)



An option with counter 0

The counters

If we were to implement the counters next to each option, when a counter is 0:

- we disable the checkbox (should be unchecked)
- we apply the 'text-muted' class to the label and set its cursor to 'not-allowed'

This filter is prototyped

See the interactions described here at:

<http://belenbarrospena.github.io/patchwork-redesign/index.html>