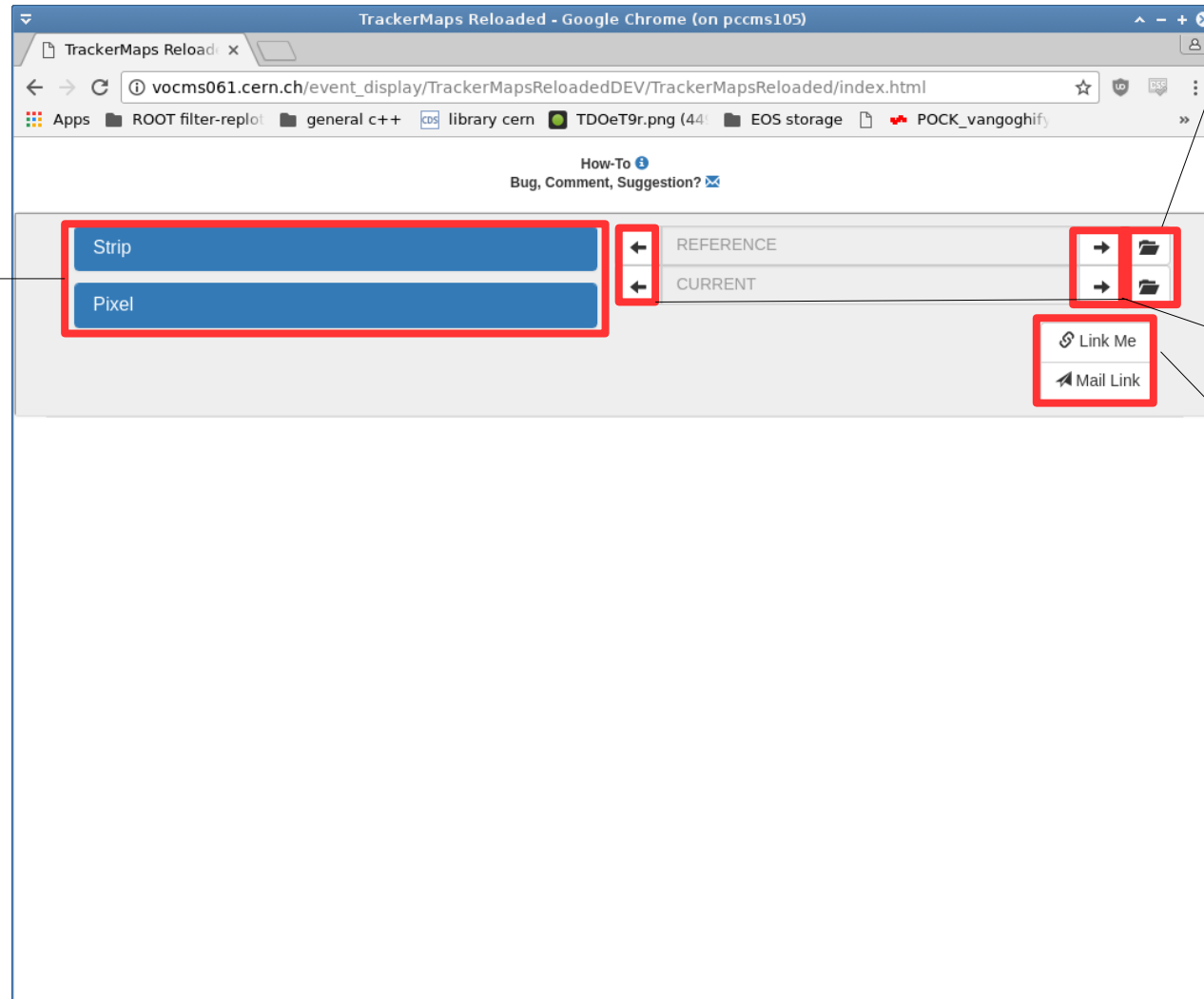


User Interface



Select the maps that you want to have a look at

Open the dialog to select the runs

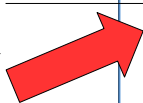
Select adjacent runs

Link Me:
Generates copyable URL

Mail Link:
Opens mail client and pastes the URL (no need to click Link Me first)

Comparing Maps

Select the maps that you want to inspect



TrackerMaps Reloaded - Google Chrome (on pccms105)

vocms061.cern.ch/event_display/TrackerMapsReloadedDEV/TrackerMapsReloaded/index.html

How-To Bug, Comment, Suggestion?

Strip

Bad Modules

- ☒ Quality tests
- ☒ Quality tests - FED view
- ☐ Quality tests - PSU view

List

Module Stats

Misc

Pixel

← /event_display/Data2017/Beam/296/296082/StreamE →

← /event_display/Data2017/Beam/296/296085/StreamE →

Link Me

Mail Link

Quality tests Quality tests - FED view

Reference

Run: 296082, Tracker Map from QTestAlarm

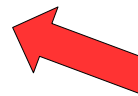
Current

Run: 296085, Tracker Map from QTestAlarm

Choose Diff

Disabled Enabled

Show the difference between Reference and Current run



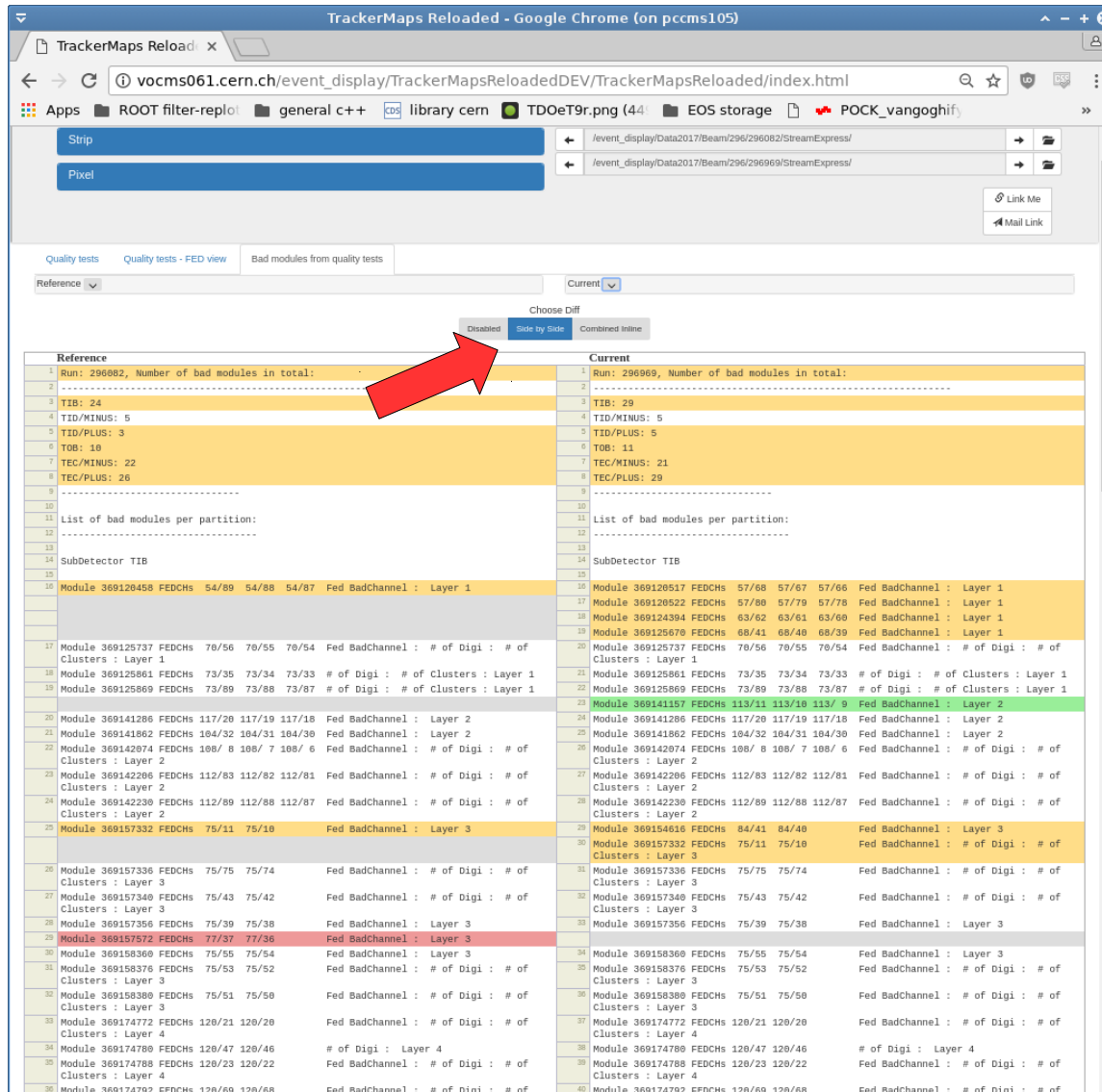
Zooming in Maps

The screenshot shows the TrackerMaps Reloaded web application in a Google Chrome browser. The browser's address bar displays the URL: `vocms061.cern.ch/event_display/TrackerMapsReloadedDEV/TrackerMapsReloaded/index.html`. The application interface includes a top navigation bar with a "How-To" link and a "Bug, Comment, Suggestion?" link. Below this, there is a "Strip" section with a "Bad Modules" list containing "Quality tests", "Quality tests - FED view", and "Quality tests - PSU view". A "List" section is also present. The main content area features two map views: "Reference" and "Current". The "Reference" map shows a grid of green rectangles with red arrows indicating movement. The "Current" map shows a grid of white rectangles with purple arrows indicating movement. Both maps are labeled "TIB L1". A "Choose Diff" button is located below the maps, with "Disabled" and "Enabled" options. A red arrow points to the "Enabled" button.

Zoom in the maps by hovering with your mouse over the images and using the mouse wheel. Panning also works by dragging.

The map views will be kept synchronized

Comparing Logs



The screenshot shows the TrackerMaps Reloaded web application in Google Chrome. The browser address bar shows the URL: `vocms061.cern.ch/event_display/TrackerMapsReloadedDEV/TrackerMapsReloaded/index.html`. The application interface includes a top navigation bar with tabs for 'Strip' and 'Pixel'. Below this, there are tabs for 'Quality tests', 'Quality tests - FED view', and 'Bad modules from quality tests'. The main content area displays a comparison between two log files: 'Reference' and 'Current'. The 'Reference' log is on the left, and the 'Current' log is on the right. A red arrow points to a line in the 'Reference' log that is missing in the 'Current' log. The logs are structured as tables with columns for 'Run', 'TIB', 'TID/MINUS', 'TID/PLUS', 'TOB', 'TEC/MINUS', 'TEC/PLUS', and 'List of bad modules per partition'. The 'Reference' log shows a line for 'Module 369128458 FEDCHS 54/89 54/88 54/87 Fed BadChannel : Layer 1' which is missing in the 'Current' log. The 'Current' log shows a line for 'Module 369128517 FEDCHS 57/88 57/67 57/66 Fed BadChannel : Layer 1' which is missing in the 'Reference' log. The logs are color-coded: yellow for lines that exist in both, red for lines that exist only in the reference, green for lines that exist only in the current, and gray for placeholder lines to keep the structure consistent.

Reference	Current
Run: 296882, Number of bad modules in total:	Run: 296882, Number of bad modules in total:
TIB: 24	TIB: 29
TID/MINUS: 5	TID/MINUS: 5
TID/PLUS: 3	TID/PLUS: 5
TOB: 10	TOB: 11
TEC/MINUS: 22	TEC/MINUS: 21
TEC/PLUS: 26	TEC/PLUS: 29
List of bad modules per partition:	List of bad modules per partition:
SubDetector TIB	SubDetector TIB
Module 369128458 FEDCHS 54/89 54/88 54/87 Fed BadChannel : Layer 1	Module 369128517 FEDCHS 57/88 57/67 57/66 Fed BadChannel : Layer 1
Module 369128517 FEDCHS 57/88 57/67 57/66 Fed BadChannel : Layer 1	Module 369128522 FEDCHS 57/88 57/79 57/78 Fed BadChannel : Layer 1
Module 369128522 FEDCHS 57/88 57/79 57/78 Fed BadChannel : Layer 1	Module 369124394 FEDCHS 63/62 63/61 63/60 Fed BadChannel : Layer 1
Module 369124394 FEDCHS 63/62 63/61 63/60 Fed BadChannel : Layer 1	Module 369125679 FEDCHS 68/41 68/40 68/39 Fed BadChannel : Layer 1
Module 369125679 FEDCHS 68/41 68/40 68/39 Fed BadChannel : Layer 1	Module 369125737 FEDCHS 70/56 70/55 70/54 Fed BadChannel : Layer 1
Module 369125737 FEDCHS 70/56 70/55 70/54 Fed BadChannel : Layer 1	Module 369125861 FEDCHS 73/35 73/34 73/33 # of Digi : # of Clusters : Layer 1
Module 369125861 FEDCHS 73/35 73/34 73/33 # of Digi : # of Clusters : Layer 1	Module 369125869 FEDCHS 73/89 73/88 73/87 # of Digi : # of Clusters : Layer 1
Module 369125869 FEDCHS 73/89 73/88 73/87 # of Digi : # of Clusters : Layer 1	Module 369141157 FEDCHS 113/31 113/10 113/9 Fed BadChannel : Layer 2
Module 369141157 FEDCHS 113/31 113/10 113/9 Fed BadChannel : Layer 2	Module 369141286 FEDCHS 117/20 117/19 117/18 Fed BadChannel : Layer 2
Module 369141286 FEDCHS 117/20 117/19 117/18 Fed BadChannel : Layer 2	Module 369141862 FEDCHS 104/32 104/31 104/30 Fed BadChannel : Layer 2
Module 369141862 FEDCHS 104/32 104/31 104/30 Fed BadChannel : Layer 2	Module 369142074 FEDCHS 108/8 108/7 108/6 Fed BadChannel : # of Digi : # of Clusters : Layer 2
Module 369142074 FEDCHS 108/8 108/7 108/6 Fed BadChannel : # of Digi : # of Clusters : Layer 2	Module 369142206 FEDCHS 112/83 112/82 112/81 Fed BadChannel : # of Digi : # of Clusters : Layer 2
Module 369142206 FEDCHS 112/83 112/82 112/81 Fed BadChannel : # of Digi : # of Clusters : Layer 2	Module 369142230 FEDCHS 112/89 112/88 112/87 Fed BadChannel : # of Digi : # of Clusters : Layer 2
Module 369142230 FEDCHS 112/89 112/88 112/87 Fed BadChannel : # of Digi : # of Clusters : Layer 2	Module 369157332 FEDCHS 75/11 75/10 Fed BadChannel : Layer 3
Module 369157332 FEDCHS 75/11 75/10 Fed BadChannel : Layer 3	Module 369157336 FEDCHS 75/75 75/74 Fed BadChannel : # of Digi : # of Clusters : Layer 3
Module 369157336 FEDCHS 75/75 75/74 Fed BadChannel : # of Digi : # of Clusters : Layer 3	Module 369157340 FEDCHS 75/43 75/42 Fed BadChannel : # of Digi : # of Clusters : Layer 3
Module 369157340 FEDCHS 75/43 75/42 Fed BadChannel : # of Digi : # of Clusters : Layer 3	Module 369157356 FEDCHS 75/39 75/38 Fed BadChannel : Layer 3
Module 369157356 FEDCHS 75/39 75/38 Fed BadChannel : Layer 3	Module 369157572 FEDCHS 77/37 77/36 Fed BadChannel : Layer 3
Module 369157572 FEDCHS 77/37 77/36 Fed BadChannel : Layer 3	Module 369158360 FEDCHS 75/55 75/54 Fed BadChannel : Layer 3
Module 369158360 FEDCHS 75/55 75/54 Fed BadChannel : Layer 3	Module 369158376 FEDCHS 75/53 75/52 Fed BadChannel : # of Digi : # of Clusters : Layer 3
Module 369158376 FEDCHS 75/53 75/52 Fed BadChannel : # of Digi : # of Clusters : Layer 3	Module 369158380 FEDCHS 75/51 75/50 Fed BadChannel : # of Digi : # of Clusters : Layer 3
Module 369158380 FEDCHS 75/51 75/50 Fed BadChannel : # of Digi : # of Clusters : Layer 3	Module 369174772 FEDCHS 120/21 120/20 Fed BadChannel : # of Digi : # of Clusters : Layer 4
Module 369174772 FEDCHS 120/21 120/20 Fed BadChannel : # of Digi : # of Clusters : Layer 4	Module 369174780 FEDCHS 120/47 120/46 # of Digi : Layer 4
Module 369174780 FEDCHS 120/47 120/46 # of Digi : Layer 4	Module 369174788 FEDCHS 120/23 120/22 Fed BadChannel : # of Digi : # of Clusters : Layer 4
Module 369174788 FEDCHS 120/23 120/22 Fed BadChannel : # of Digi : # of Clusters : Layer 4	Module 369174792 FEDCHS 120/69 120/68 Fed BadChannel : # of Digi : # of Clusters : Layer 4

Yellow:

There is a difference between the two lines

Red:

This Line does not exist in the current log

Green:

This line does not exist in the reference

Gray:

Placeholder to keep lines in order

Known Issues

- Browsers supported:
 - Chrome
 - Firefox
 - Safari
- Browsers **NOT** supported
 - IE / Edge