

Documentation

See the [Calibre RVE User's Manual](#).

Application Launch

From layout or schematic editor choose:

Start RVE from Calibre, Tools or Verification menu.

From Calibre Interactive, on the left panel:

Start RVE

Command line:

calibre -rve

calibre -rve -drc <drc_results> [<drc_results> ...]

For DRC batch reporting:

```
calibre -rve -drc {<drc_results> | -input <db_map_file>}
-report batch_cfg.ini -outputdir out_dir
[-summaryfile drc_summary_rpt]
```

Connecting to a Layout Editor

- Connection to a layout editor is made automatically when you start Calibre RVE from the editor or from Calibre Interactive with an editor connected to the Calibre Interactive session.
- For instructions on making a manual connection to an editor, see the [Calibre RVE User's Manual](#).

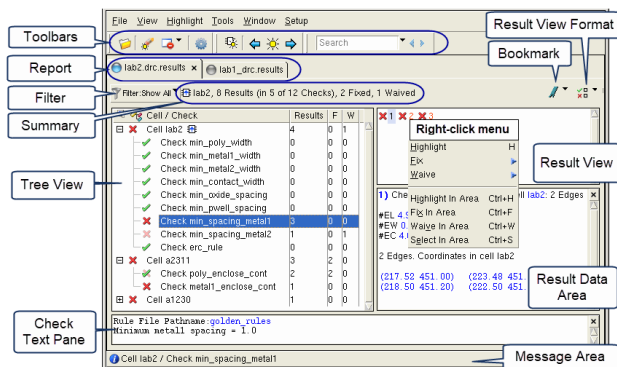
DRC RVE Keyboard Shortcuts

Predefined hot keys for common actions:

H		Highlight Current Result
N	OR	Highlight Next Result
P	OR	Highlight Previous Result
Ctrl	Home	Select First Result in View
Ctrl	End	Select Last Result in View
F		Mark Results as Fixed (toggle)
W		Mark Results as Waived (toggle)

Calibre RVE for DRC Session Window

The Calibre RVE for DRC session window lets you view, sort, analyze, and track DRC results.

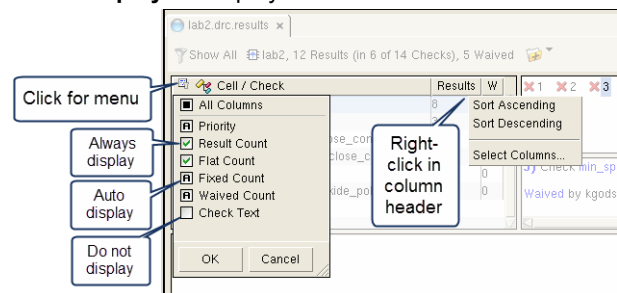


Double-click or right-click a result to highlight it.

Column Selection

Click the icon to select columns, or right-click in a column header.

Auto display — Displays a column if data is available.



DRC RVE Icons

Result Status

- ✓ Clean
- ✗ Error
- ✓ Fixed
- ✗ Waived

Group By (Tree View)

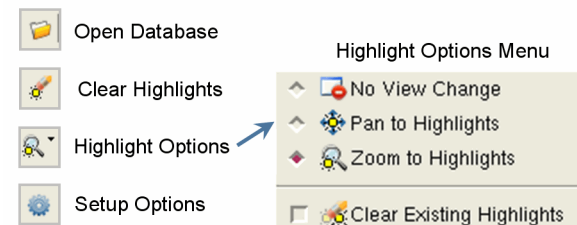
Result View

- List format (default)
- Icons format
- Details format

Other Icons

- Auxiliary Database
- Result Filter
- Bookmark
- Column Selection
- Top Cell

Standard Calibre RVE Toolbar



DRC RVE Toolbars



Select a result, then click toolbar button to highlight the previous, current, or next result.

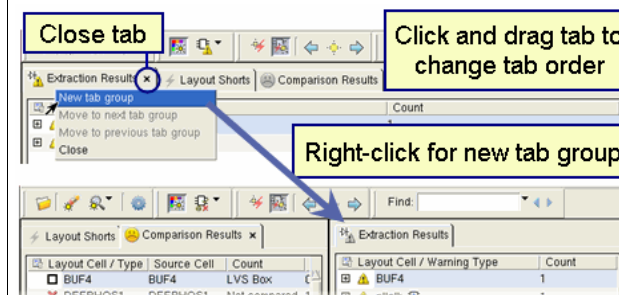
Find Toolbar



Search in cell names, check names, check text, and text tabs. Check text is only searched if it is visible in the search window.

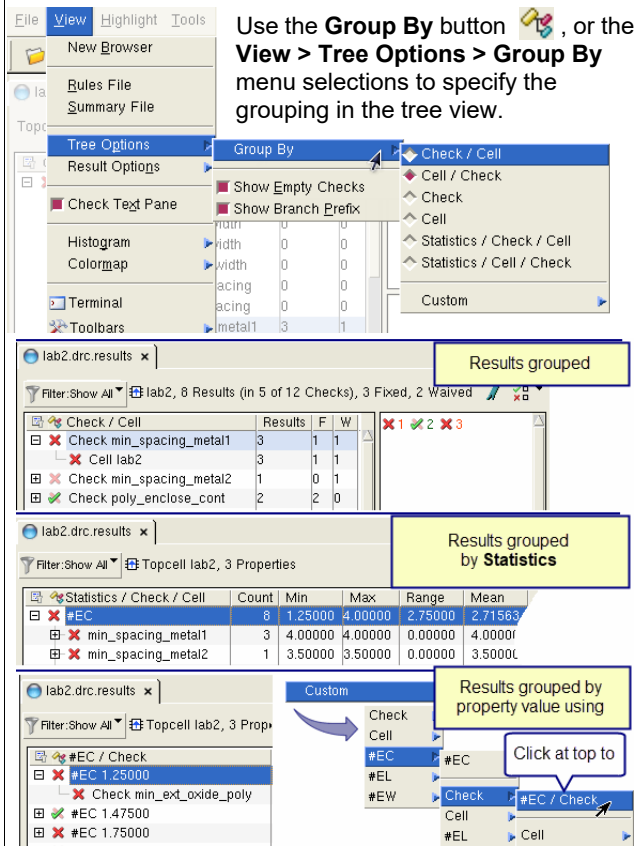
Tabbed Viewing

Results and reports are arranged in tabs. Right-click for a tab control menu.



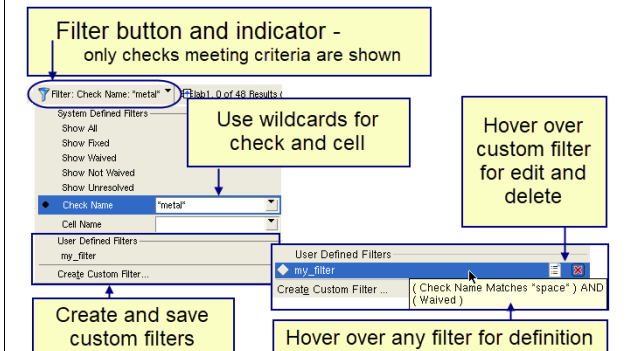
Tab groups make side-by-side comparison easier.

Grouping Results in the Tree View



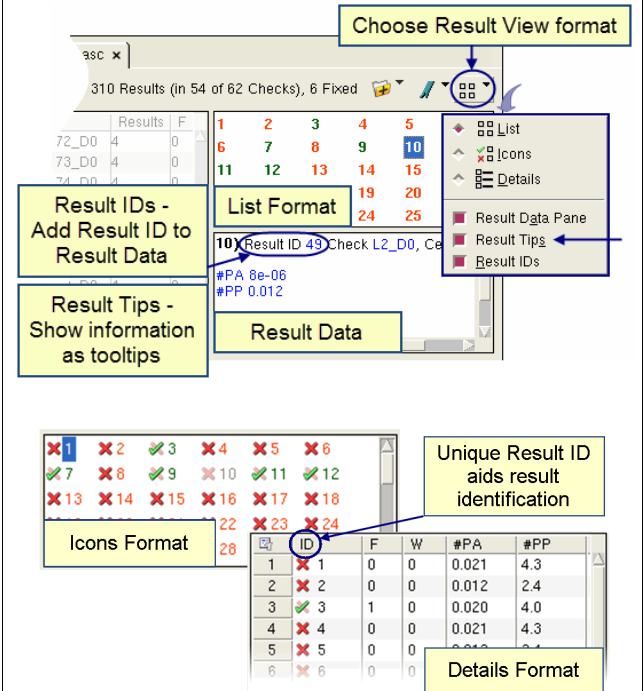
DRC Results Filtering

Use the filters to select a subset of the data for focused analysis.




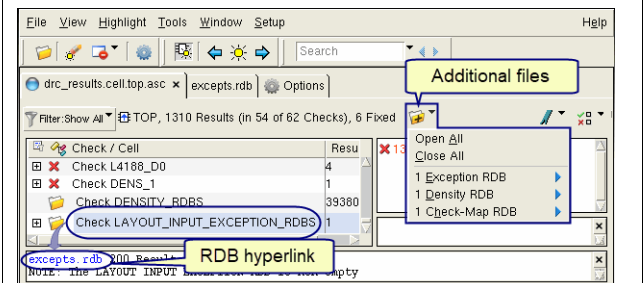
Result View

The Result View lists each result for the checks selected in the Tree View.



Viewing Auxiliary Databases

1. Set viewing options at **Setup > Options > DRC Browser** in the **Side RDBs** area.
2. Two methods to open auxiliary RDBs:
 - Use the additional files icon 
 - Use the RDB hyperlink



Viewing Properties

You can view both database properties (from Density and DFM operations, for example) and calculated properties. Properties are shown in the Details format for the Result View and in the Result Data area.

Option settings related to property display:

DRC Browser > Show calculated properties

DRC Browser > Classify result shapes

DRC Browser > Group results by property

Highlighting > While highlighting, show ...

Highlighting > Highlight Text Size

Calculated property definitions:

#EC – Common edge length or projection.

#EW — Edge width, or minimum separation distance between edge pair.

#EL — Average edge length of the edge pair.

#PA — Polygon area.

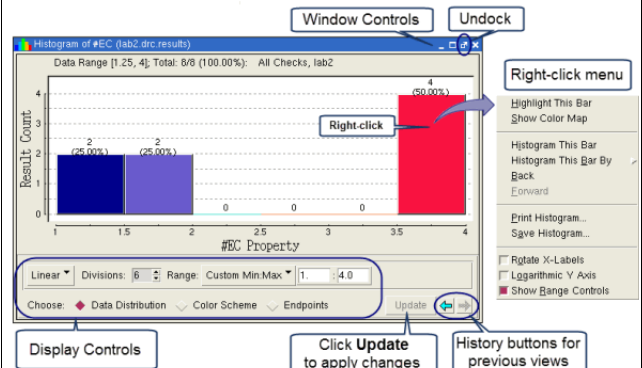
#PP — Polygon perimeter.

#SC — Shape Class. Result shapes are classified internally and the #SC value is an index into the set of different shapes found in the results database.

#Flipped, #Rotated — For Results From Cloned Cells.

Histograms and Colormaps

You can create histograms and colormaps of database and calculated properties. Select **Histogram** or **Colormap** in the **View** menu, or right-click in the tree view.



Select **View > Toolbars > Histograms and Colormaps** to display a toolbar.