

ADIVA to Cadence/Orcad Violation Link-Back

Notice

Representations in this User Guide are meant as an overview and quick reference. Full details can be found in the On-Line manuals located at the *ADIVA Corporation* website - www.adiva.com

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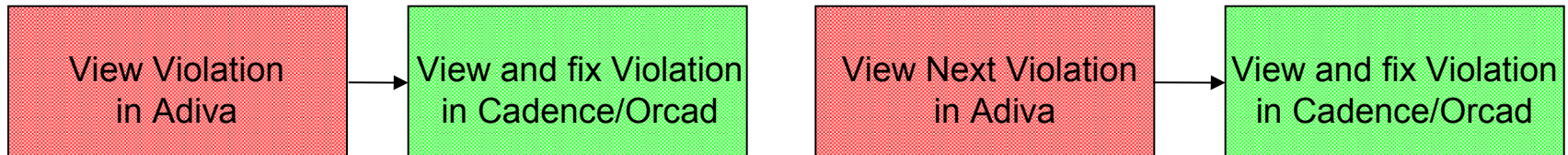
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Violation Link-Back Steps

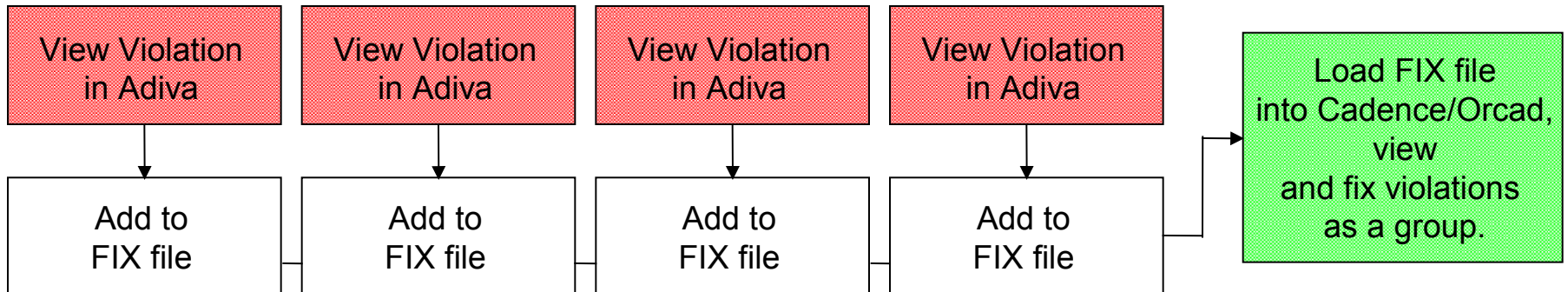
(See ADIVA's DRC User Guide for further details about running checks and viewing results)

Run DRC checks in ADIVA. When checks complete, either....

Review violations in ADIVA linking individual violations back to Cadence/Orcad – one at a time (See pages 4-5)

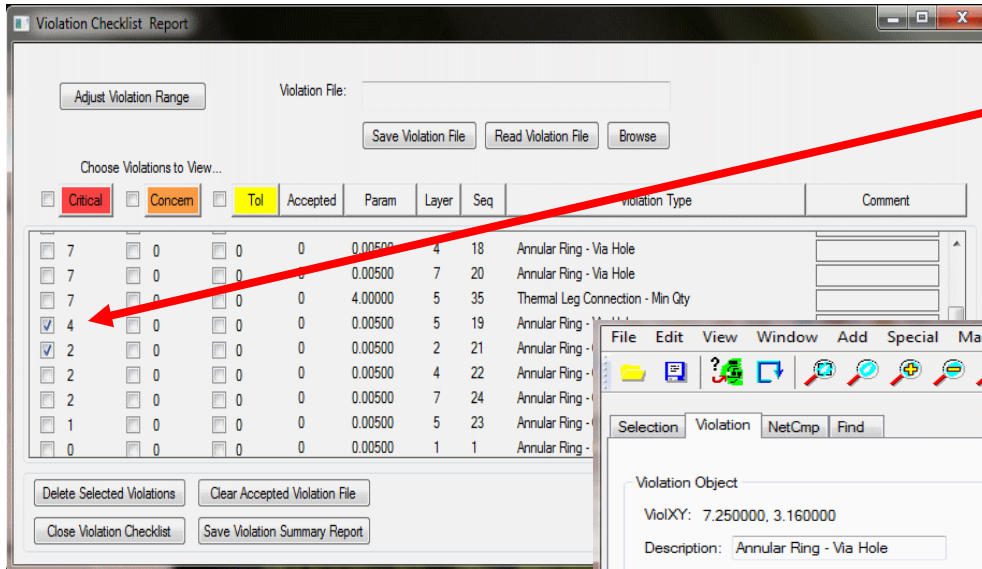


Review violations in ADIVA tagging specific violations to be “Fixed” with the Fix Violation function. This creates a specific violation file for Link-Back called “fix.vio” containing a group of violations to be reviewed in Cadence/Orcad (See pages 6-10)

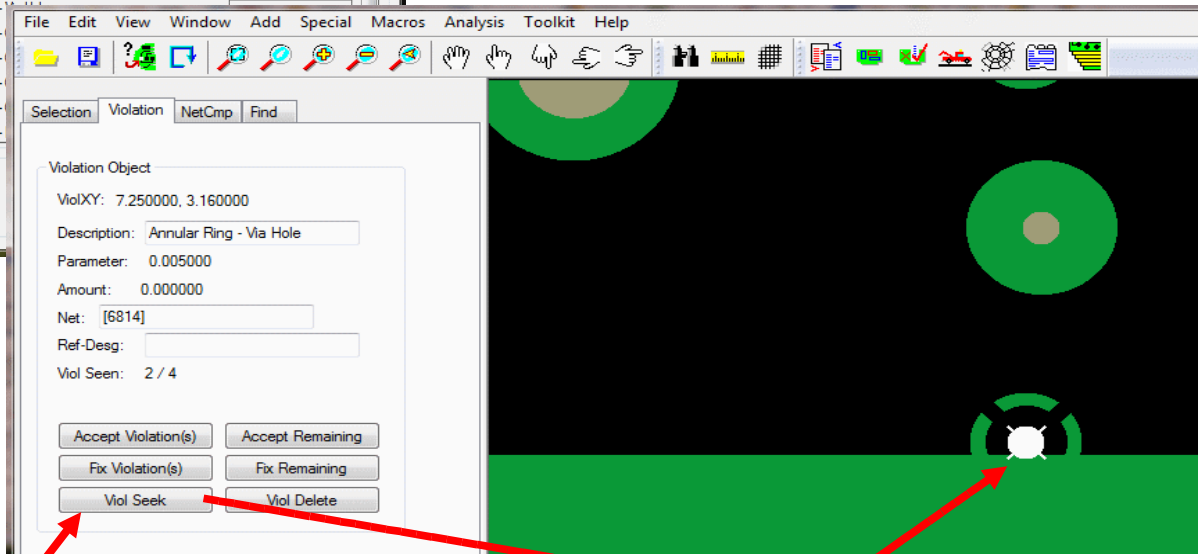


Viewing Individual ADIVA Violations in Cadence/Orcad

(See ADIVA's DRC User Guide for further details about running checks and viewing results)



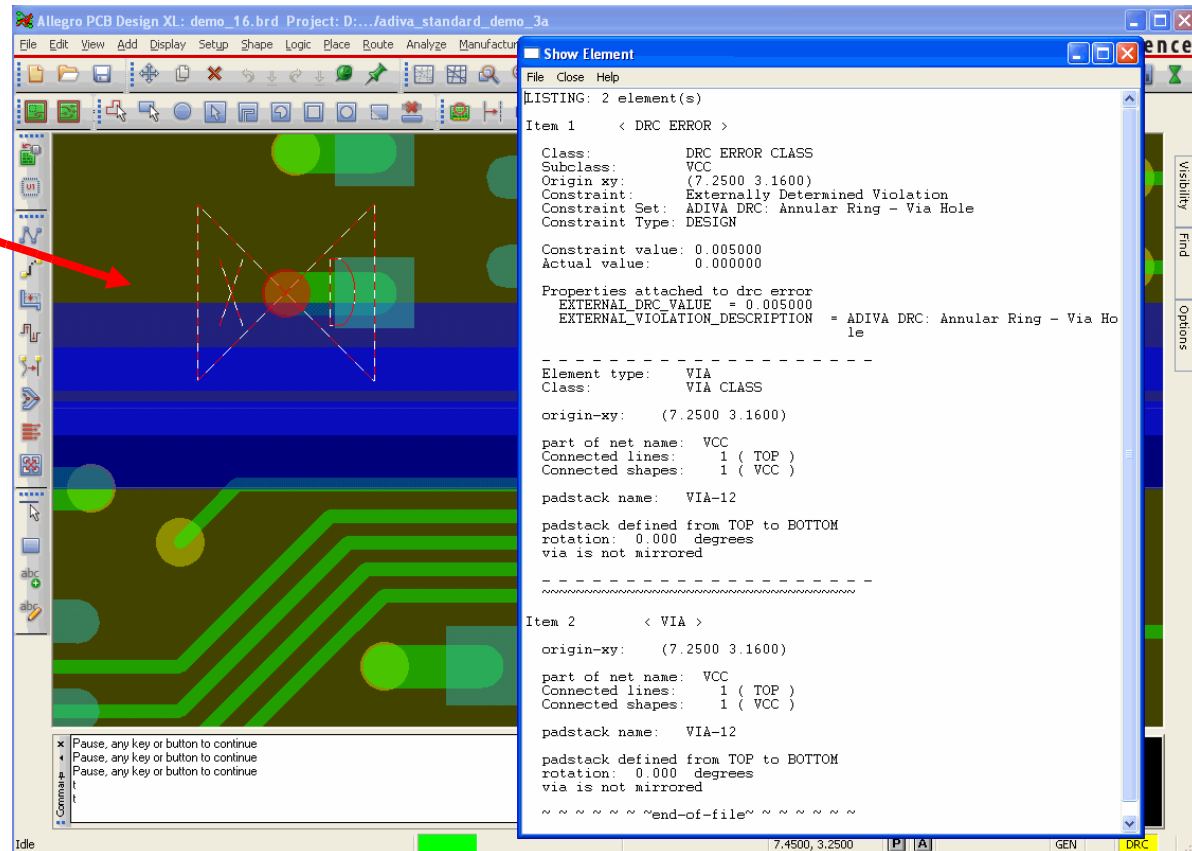
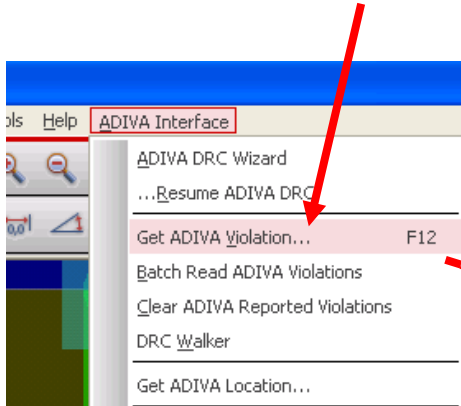
Choose a violation type to review in ADIVA...



...and select **Viol Seek** to see the violations in ADIVA

Viewing Individual ADIVA Violations in Cadence/Orcad

Then, for any given violation in ADIVA, select in Cadence/Orcad the **ADIVA Interface** menu and choose **Get ADIVA Violation...** (or the **F12** key short-cut if enabled)



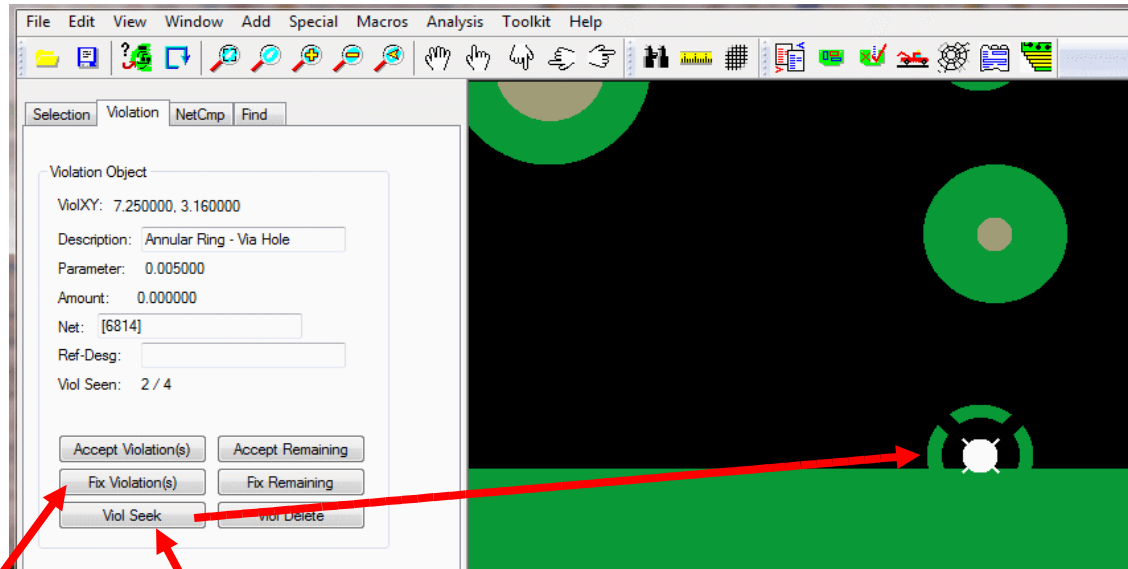
This will zoom the Cadence/Orcad screen and place a marker on the violation location.

It will also display the **Show Element** dialog describing the ADIVA violation.

Continue viewing more violations in ADIVA and for each violation seen, choose **Get ADIVA Violation...** to see the violation in Cadence/Orcad.

Saving an ADIVA FIX Violation File for Read In by Cadence/Orcad

(See ADIVA's DRC User Guide for further details about running checks and viewing results)

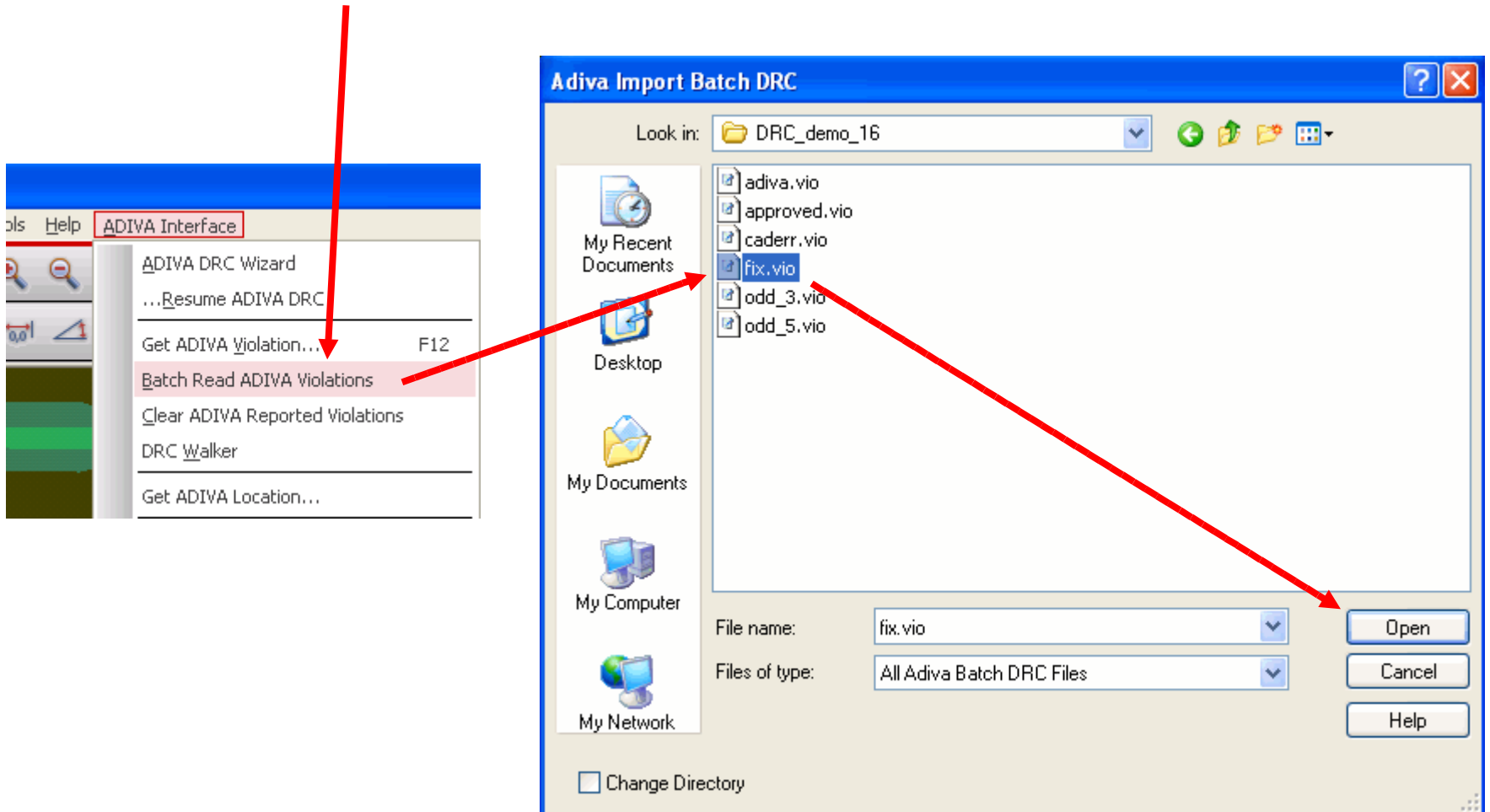


Choose a violation type in the Violation Checklist and **Viol Seek** through the chosen violations reviewing each one...

Tag specific violations using **Fix Violation**. Each violation tagged as “Fixed” will be placed into a file that can be converted and read later by someone tasked with “Fixing” the selected violations. This Fix Violation file is located in the ADIVA project directory called “**fix.vio**”.

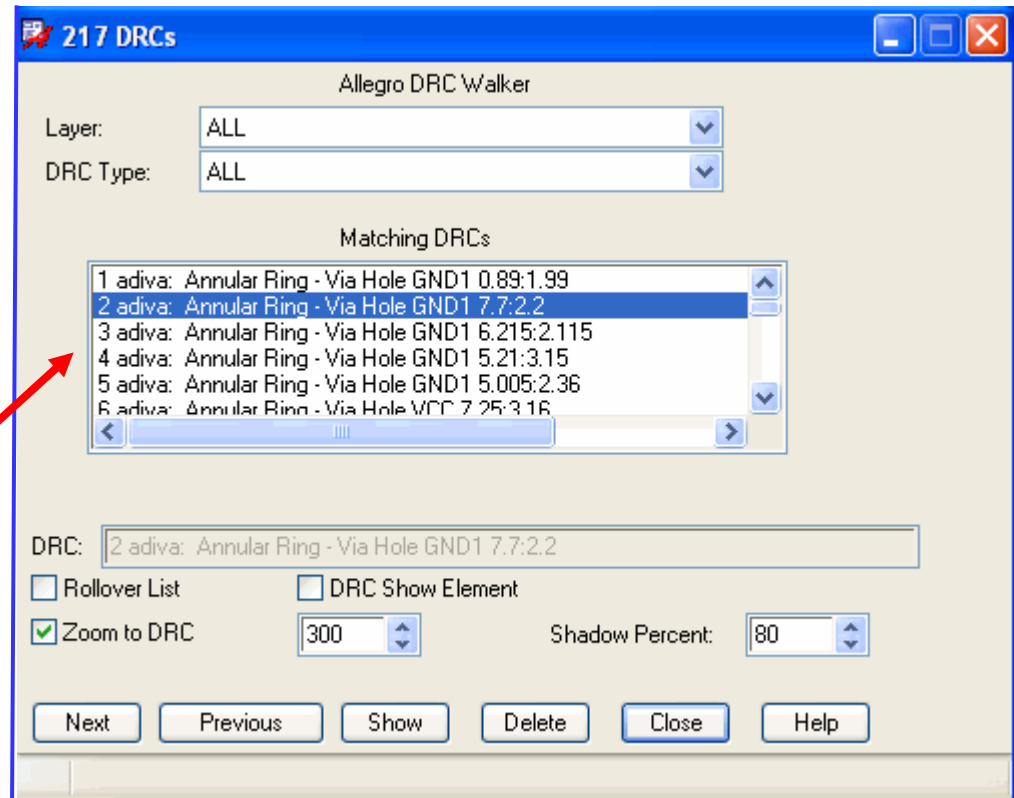
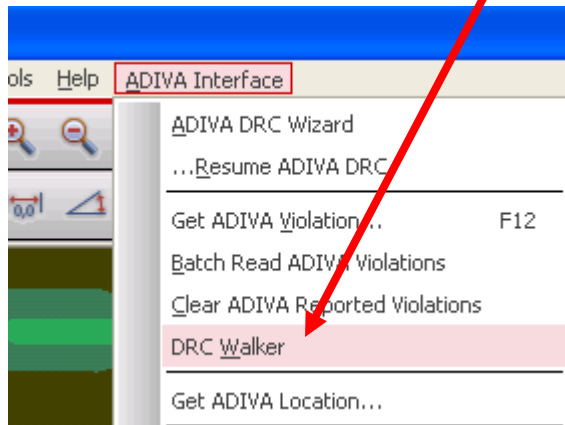
Loading an ADIVA FIX Violation File into Cadence/Orcad

Select the **Batch Read ADIVA Violations** menu pick in Cadence/Orcad and choose ADIVA's "fix.vio" file



Viewing ADIVA FIX Violations in Cadence/Orcad

When the **Batch Read** function completes, then select **DRC Walker** in Cadence/Orcad

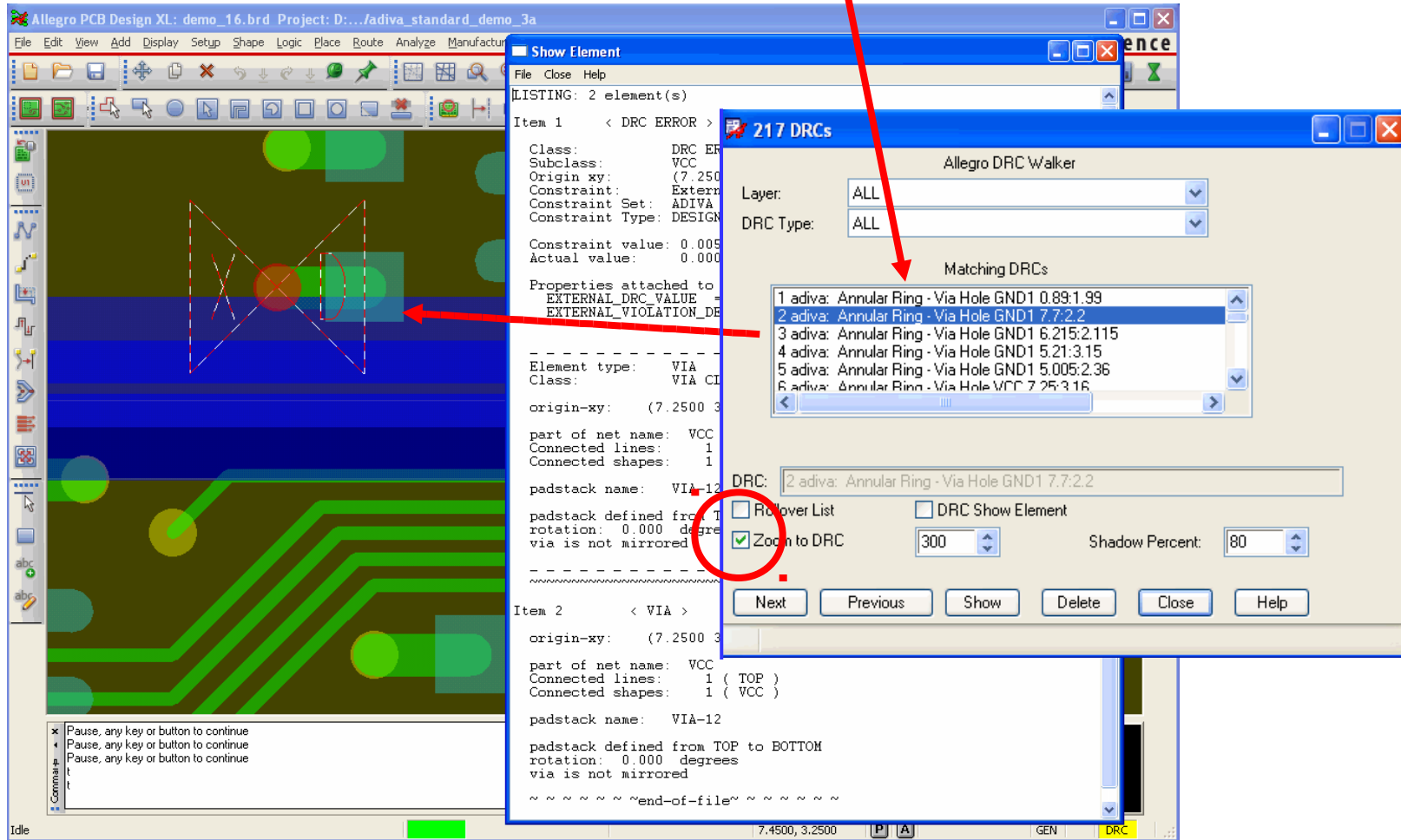


Violations tagged in ADIVA for “fixing” will appear in the selection list with the “adiva” prefix.

Click on a violation and Cadence/Orcad will mark the violation.

Viewing ADIVA FIX Violations in Cadence/Orcad

A violation selected in **DRC Walker** shown in Cadence/Orcad



DRC Walker Details

Specify which violation types to display

Specify which violation layers to display in the summary list

Click on a violation and Cadence/Orcad centers the violation on the screen

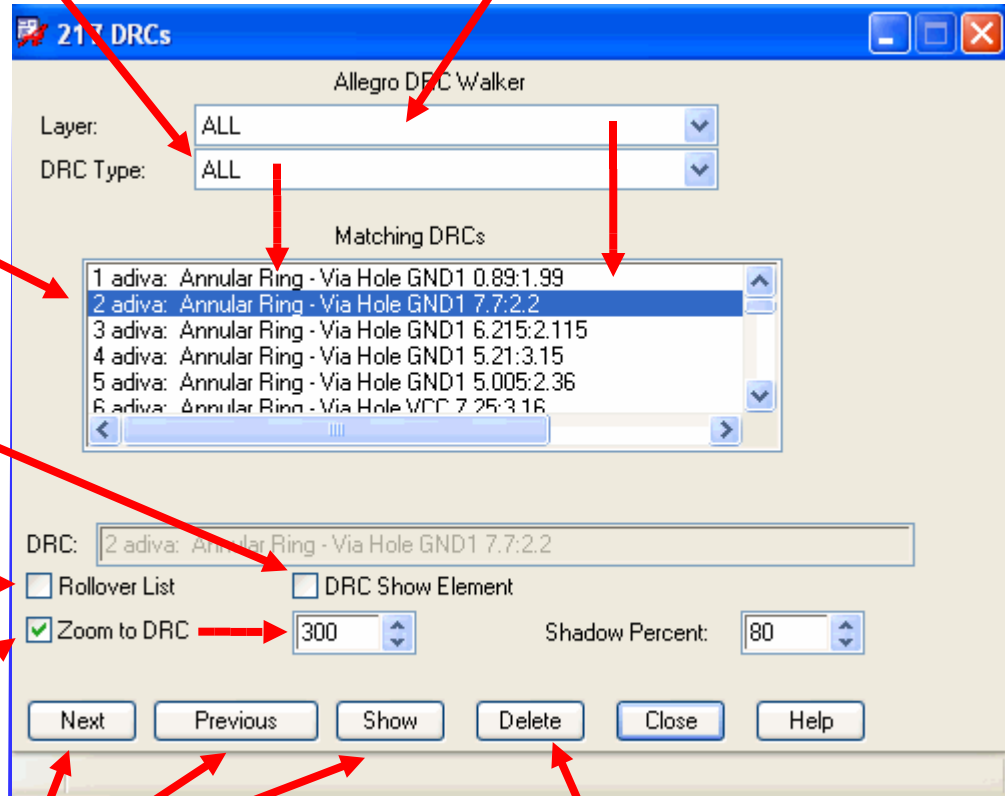
Displays violation details in a Cadence/Orcad **Show Element** dialog

Restarts at the top of the list when the end is reached

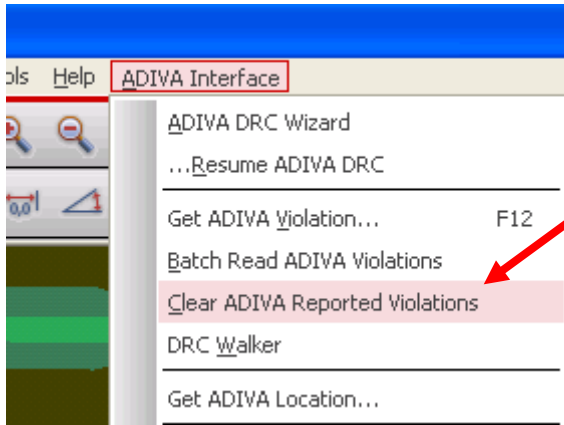
Auto-Zooms to a selected violation / adjust zoom factor

Cycles through violations

Removes selected violation from the list

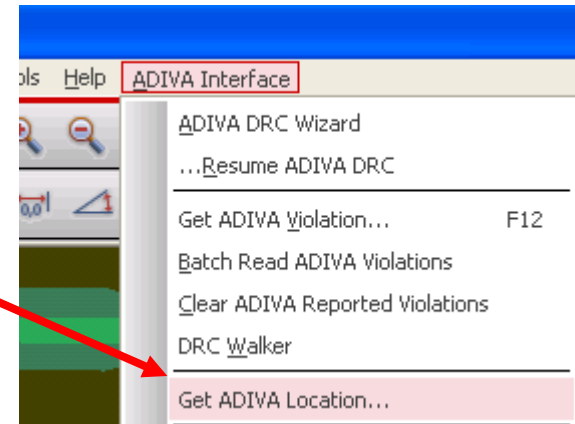


Extra Functions



Select the **Clear ADIVA Reported Violations** menu pick to remove any ADIVA violation that has been loaded into Cadence/Orcad either from an individual link or a batch file

By choosing **Get ADIVA Location**, Cadence/Orcad will center its graphics screen on the XY location of ADIVA's screen center.



To mark screen center in ADIVA, select the **Link to CAD** toolbar icon....



...before selecting **Get ADIVA Location** in Cadence/Orcad

END

**ADIVA to Cadence/Orcad
Violation Link-Back**