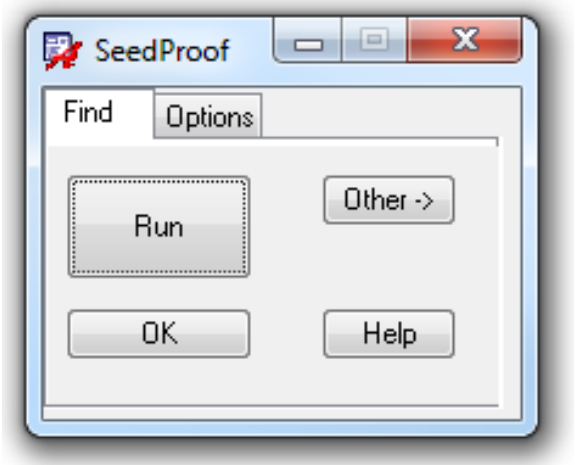
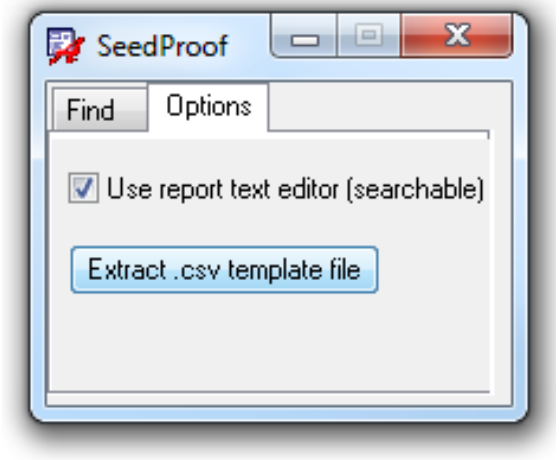
HdlSeedProof

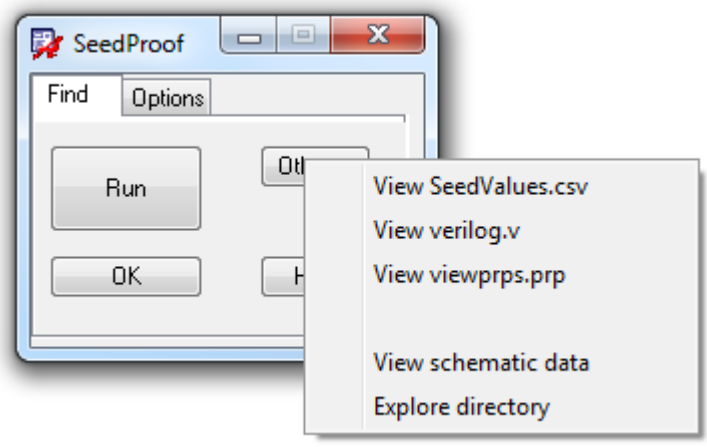
Verifies an excel spreadsheet of master seedjob refdes,pin numbers and signal names versus what exists in the HDL schematic database. Optionally updates the pin values and sig_name properties to match the master seed job spreadsheet.



Features:

- Automatic pin_value and signame renaming preventing typos.
- Comprehensive report of mismatches with option to fix.
- Comment lines in the .csv file may start with #.
- Extracts a seed job .csv file from the active schematic.
- Reports are saved as unique file names based on the date and time.





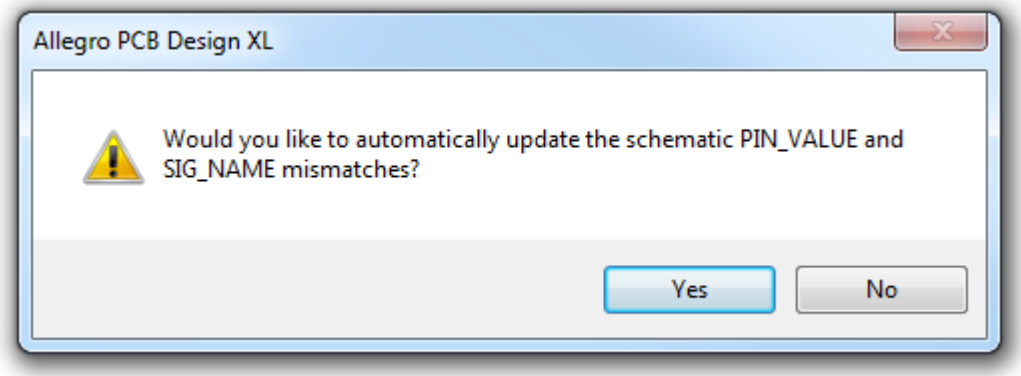
Example 1

SeedValues.csv

```
REF DES,PIN NUMBER,VALUE
#P1,1,TEST2
P114,A1,CBIT0
P114,B1,CBIT1
P111,A1,CBIT16
P106,J3,I2CCLK0
P106,I4,I2CDATA0
#P303,19,F_OUT_5_C
#P303,2,F_IN_4
#P216,B4,GPOUT1
#P216,A4,GPIN1


P302,18,S_OUT_2_A
P301,4,F_IN_1
P301,17,F_OUT_1_B
P112,B5,APU12_30_35_FL
P112,C6,APU12_34S
P112,D7,APU12_28F
P113,D8,APU12_22F
```

```
REFDES,SCHPIN,PINVALUE,NETNAME,XY,PRTPIN,SYMNAME,PATH,PAGE
P114,B5,+12V,+12V,(-750,1900),1,ETS600_POGO_143P,I11,10
P106,B5,+12V,+12V,(-750,2100),1,ETS600_POGO_143P,I9,10
P103,B5,+12V,+12V,(-750,2200),1,ETS600_POGO_143P,I8,10
P111,B5,+12V,+12V,(-750,2000),1,ETS600_POGO_143P,I10,10
P103,G4,+15V,+15V,(-850,-300),1,ETS600_POGO_143P,I57,10
P103,F2,+15V,+15V,(-850,0),1,ETS600_POGO_143P,I54,10
P103,F3,+15V,+15V,(-850,-100),1,ETS600_POGO_143P,I55,10
P103,G3,+15V,+15V,(-850,-200),1,ETS600_POGO_143P,I56,10
P103,I3,+24V,+24V,(-1700,2000),1,ETS600_POGO_143P,I3,10
P103,H2,+24V,+24V,(-1700,2200),1,ETS600_POGO_143P,I1,10
P103,H3,+24V,+24V,(-1700,2100),1,ETS600_POGO_143P,I2,10
P103,I4,+24V,+24V,(-1700,1900),1,ETS600_POGO_143P,I4,10
P111,B9,+5V,+5V,(-750,750),1,ETS600_POGO_143P,I41,10
P106,B7,+5V,+5V,(-750,1050),1,ETS600_POGO_143P,I36,10
```



SEEDPROOFLOG_Jun_13_23_31_02_2012.txt

```
ALL VALUES UP TO DATE - NO CHANGES MADE

```

SEEDPROOFLOG_Jun_13_23_32_21_2012.txt

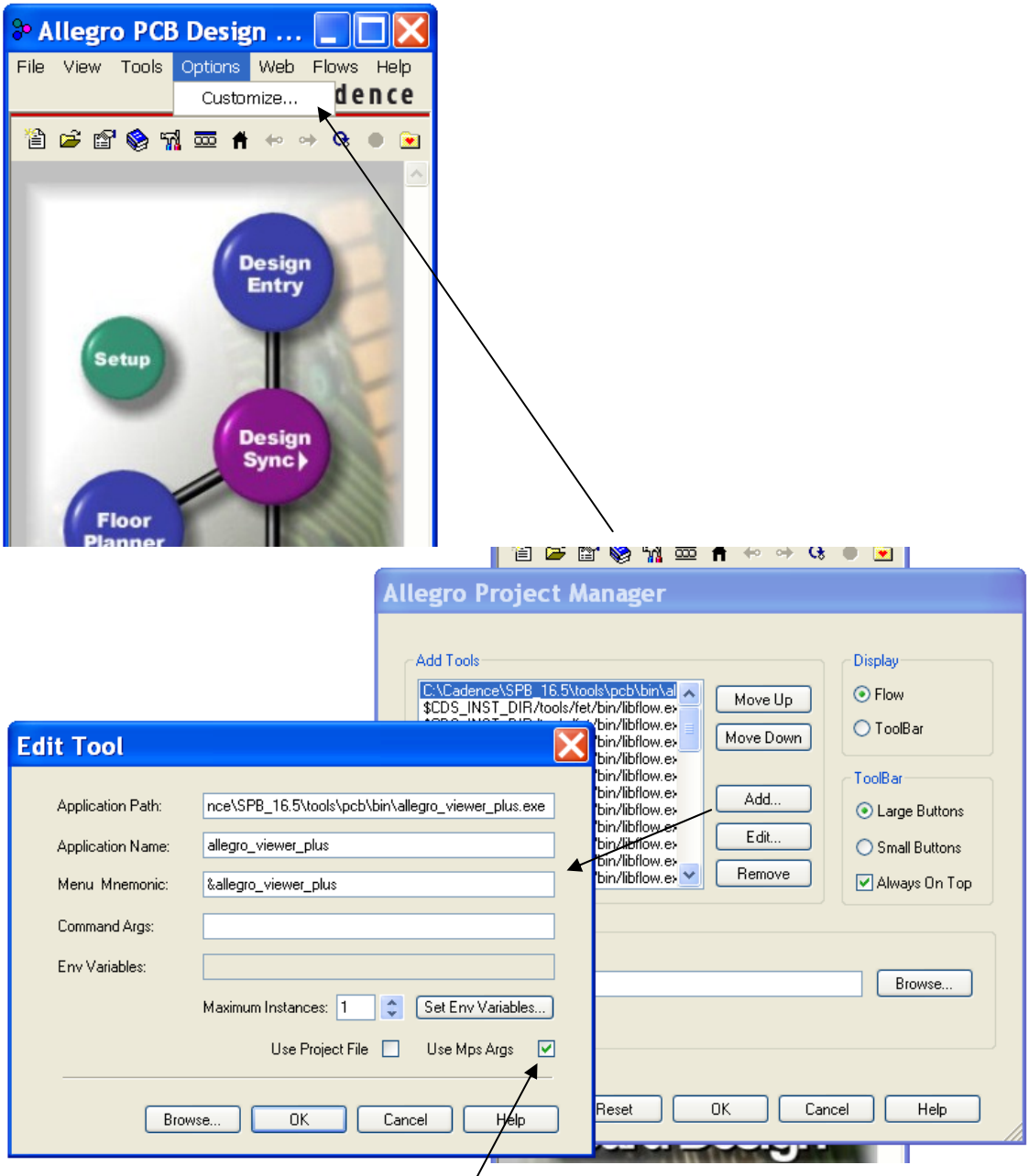
```
1 ERROR - REF P1/PIN 1 NOT FOUND IN SCHEMATIC, BUT PRESENT IN EXCEL FILE, PLEASE ADD TO SCHEMATIC
2 REF P114/PIN A1 with PIN_VALUE "CBIT0" was updated to "CBIT0_TEST" on page 8 I1 (-3000,3250)
3 REF P114/PIN A1 with NET_NAME "CBIT0" was renamed to "CBIT0_TEST" on page 8 I1 (-3000,3250)

EOF
```

[Sample reports]

Setup

The seedproof and netplace use the free_viewer_plus license so they have to be set up correctly in the project manager in order to function properly. Do the following:



Use Mps Args **must** be checked!

Help


1.0_000 06-13-2012
dalTools
design easy
Help
Command: SeedProof
Purpose: Checks the accuracy of the current schematic by comparing all connected nets to a seedjob template spreadsheet in CSV format.
This will guarantee that Net names that are required to have certain connections on a seedjob were not manually altered during the PCB design process.
Visit our website:
www.daltools.com
More Documentation (PDF)
Web Demonstration
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Ok