



Export a GDSII file from Virtuoso, using StreamOut tool



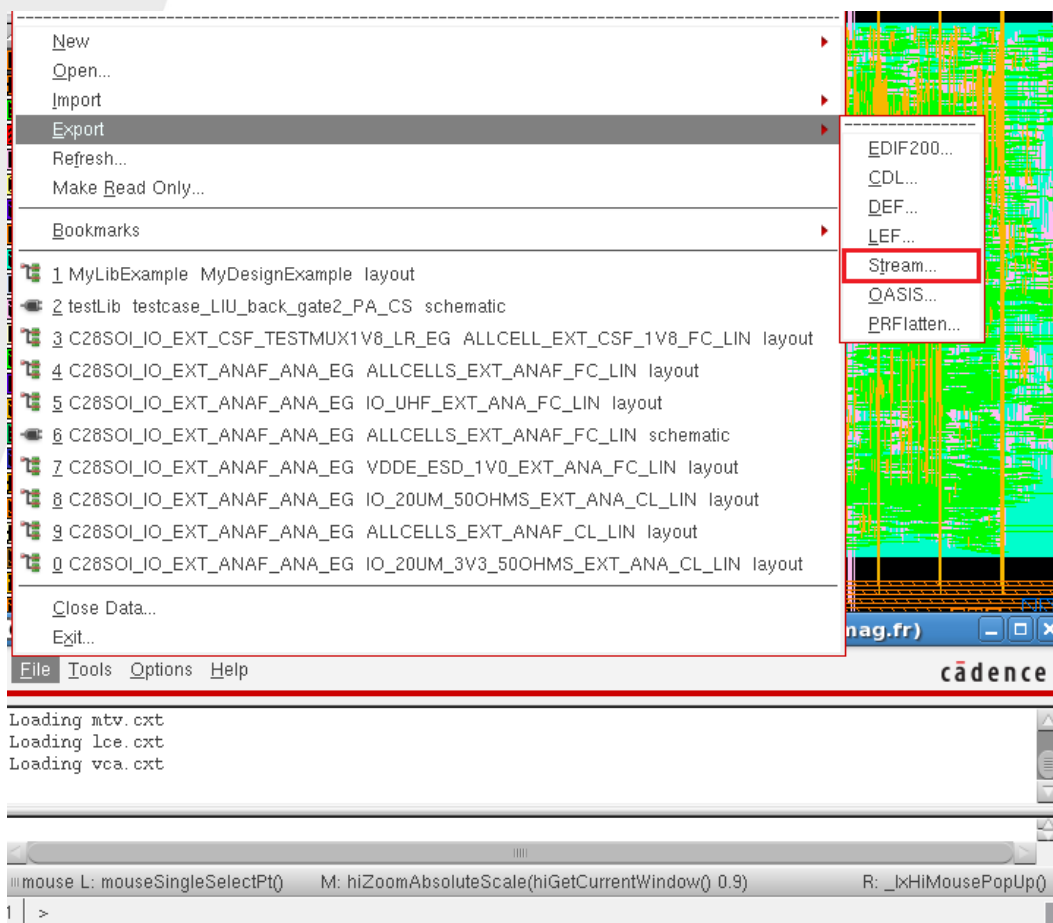
For a design submission, designers have to send 3 files to CMP:

- **topcellname.gds.gz**: design layout at compressed GDSII format.
- **topcellname.pipo**: stream-out report file generated by the Cadence IC during the GDSII export.
- **topcellname.info**: a text file with data about the circuit and a technical contact.

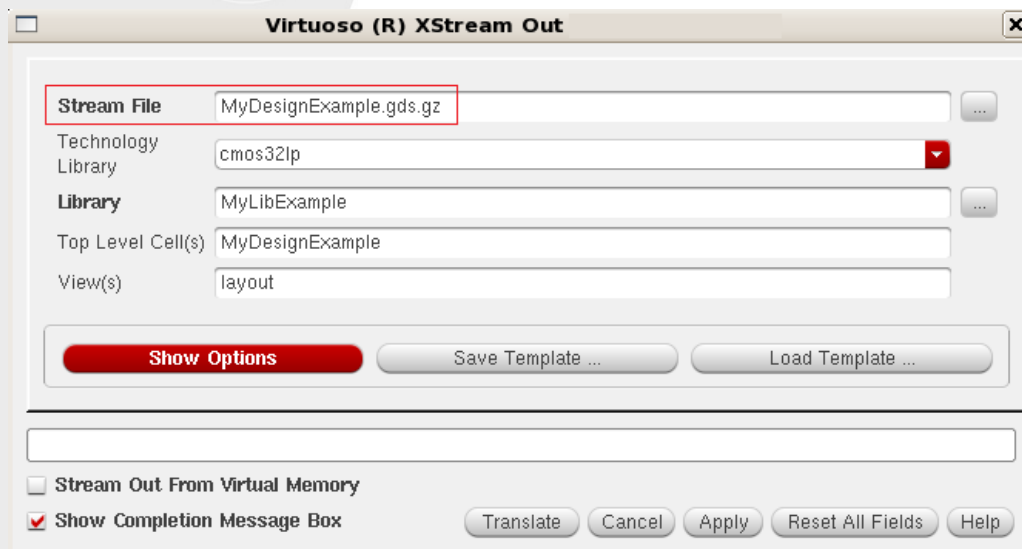
How to export a design at GDSII format ?

1) On Virtuoso, open the layout view where the top cell of your design is implemented.

2) In CIW window, select: File > Export > Stream... :

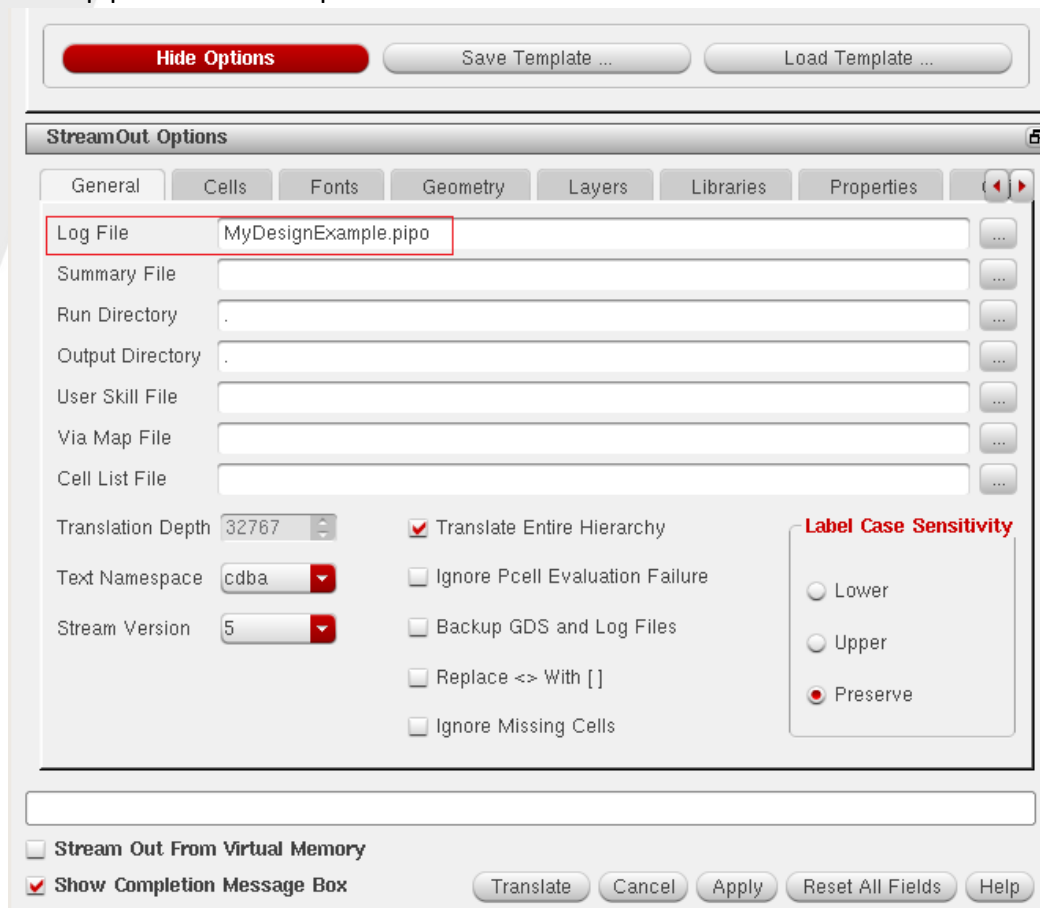


3) The StreamOut window opens. Some fields are automatically filled, according to your layout. Please check them and add “.gz” string to the “Stream File” so that the gds file can be compressed. You should also add the “Technology Library” (mandatory if you are using ICFB).

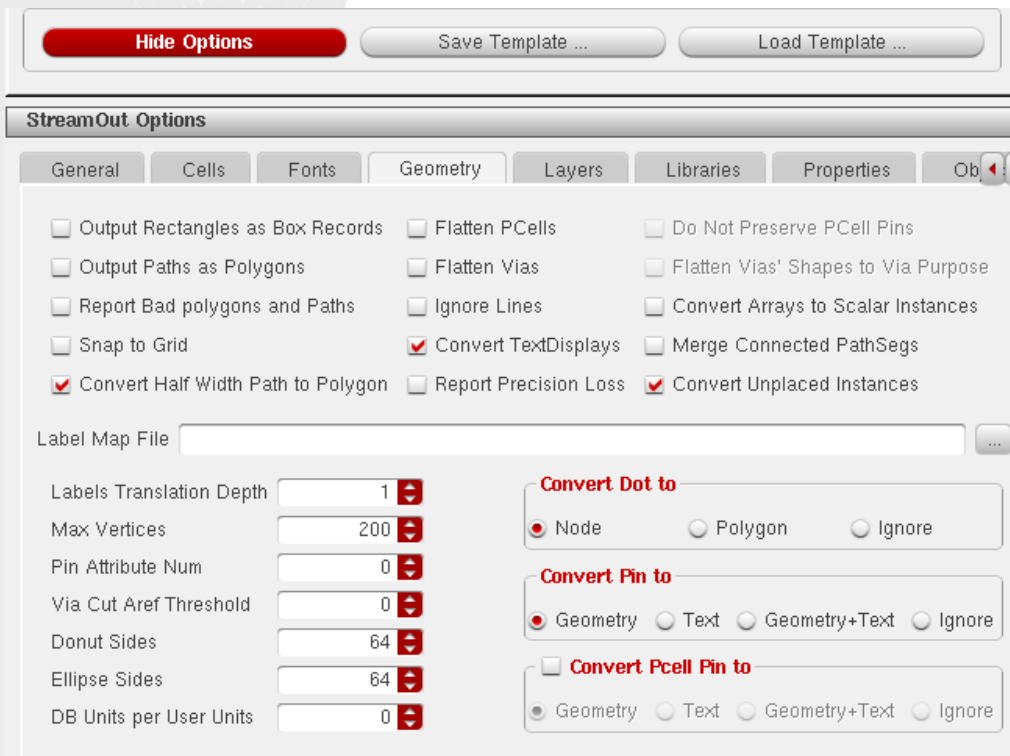


4) Click on “Show Options” button :

a) change in « General » tab the log file name to respect the following: “topcellname.pipo”. In our example:

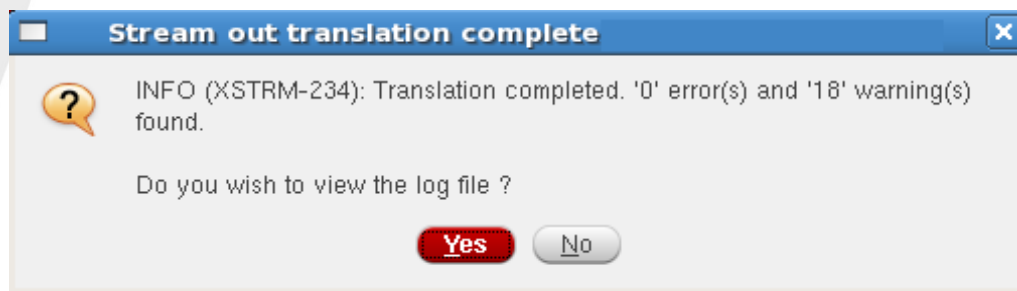


b) In « Geometry » tab, check the option “Convert Half Width Path to Polygon” is activated:



5) Finally, click on “Translate” button.

You should have a popup message telling the StreamOut translation succeeded:



6) Create a .info file, detailing technical contact and eventual data about the circuit.

7) Send the 3 following files to CMP through your FTP account:

- MyDesignExample.gds.gz
- MyDesignExample.pipo
- MyDesignExample.info