# How to use vitis\_hls GUI in your cloud Desktop environment (1)

You can use the vitis\_hls GUI from your jupyter notebook ...



1. open remote desktop

2. open a terminal

## How to use vitis\_hls GUI in your cloud Desktop environment (2)



source /opt/tools/Xilinx/Vivado/2023.2/<u>settings64.sh</u>

vitis\_hls

## Change csim\_design default command to run the testbench (1)

#### After the creation of a project ...



Go to Solution

Solution Window Help File Edit Project 🚖 🔟 🆓 🔟 🕨 Solution Settings... Run C Synthesis 눰 Explorer 🗙 🛛 🖥 Mc Run C/RTL Cosimulation Export RTL 😫 test1 Implementation Includes Open Report Source Strange Open Schedule Viewer le func.cc 🟯 Open Function Call Graph 🔒 func.h 🐻 Open Dataflow Viewer 🔒 hls.app A Open Pre-synthesis Control Flow 🚛 Test Bench testbench 🗯 Open Wave Viewer... a solution1 - -💵 Flow Navigator 🗙 **C SIMULATION** Run C Simulation **Reports & Viewers** C SYNTHESIS 2 Run C Synthesis **Reports & Viewers** Report

2. Select Solution Settings

## Change csim\_design default command to run the testbench (2)

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				Cancel OK				Cance	ОК

3. Click on the plus icon

4. Search *config\_csim* and set the value *-fuse-ld=gold* 

### From command line

When running from command line (i.e. using a *.tcl* file) <u>in the cloud</u> <u>environment (JupyterLab)</u> you need to change:

csim\_design

to

csim design -ldflags "-fuse-ld=gold"