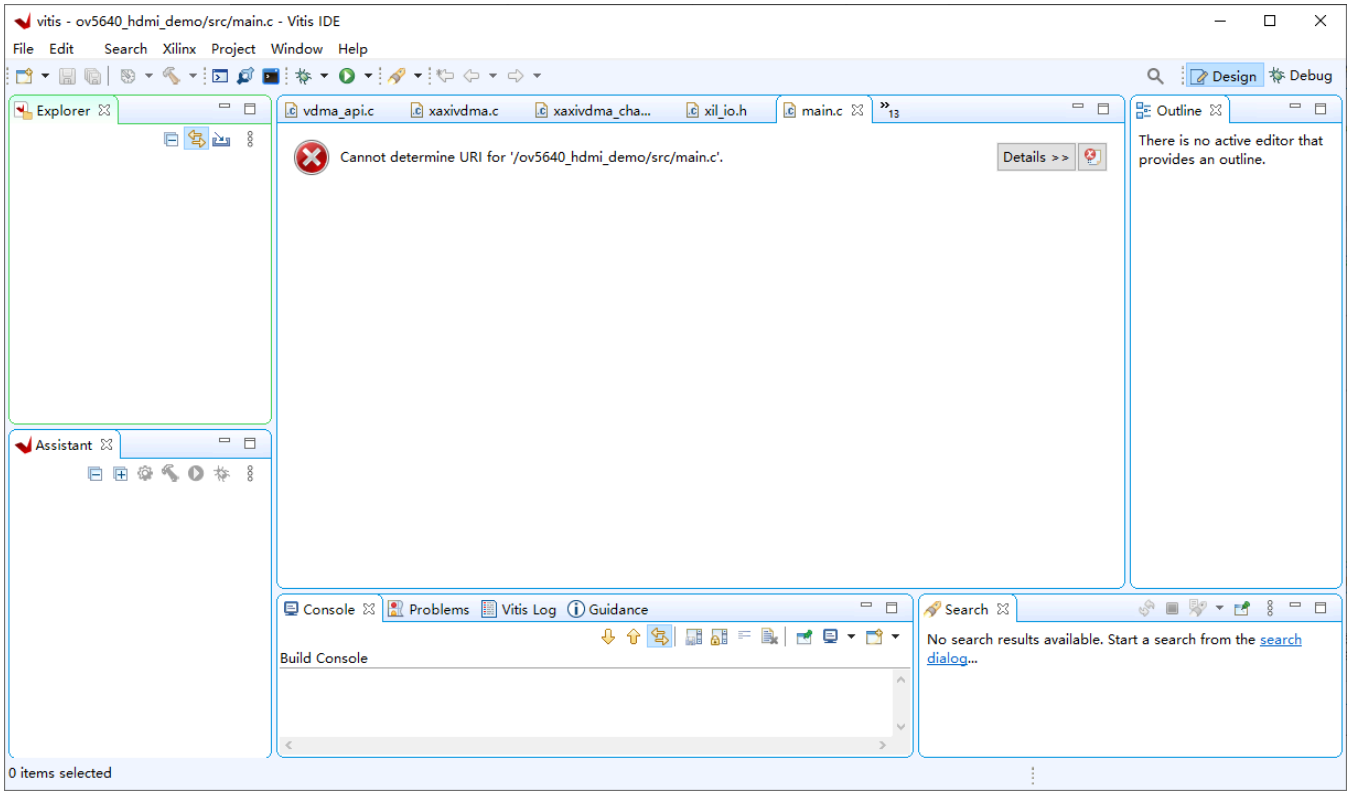
FAQ

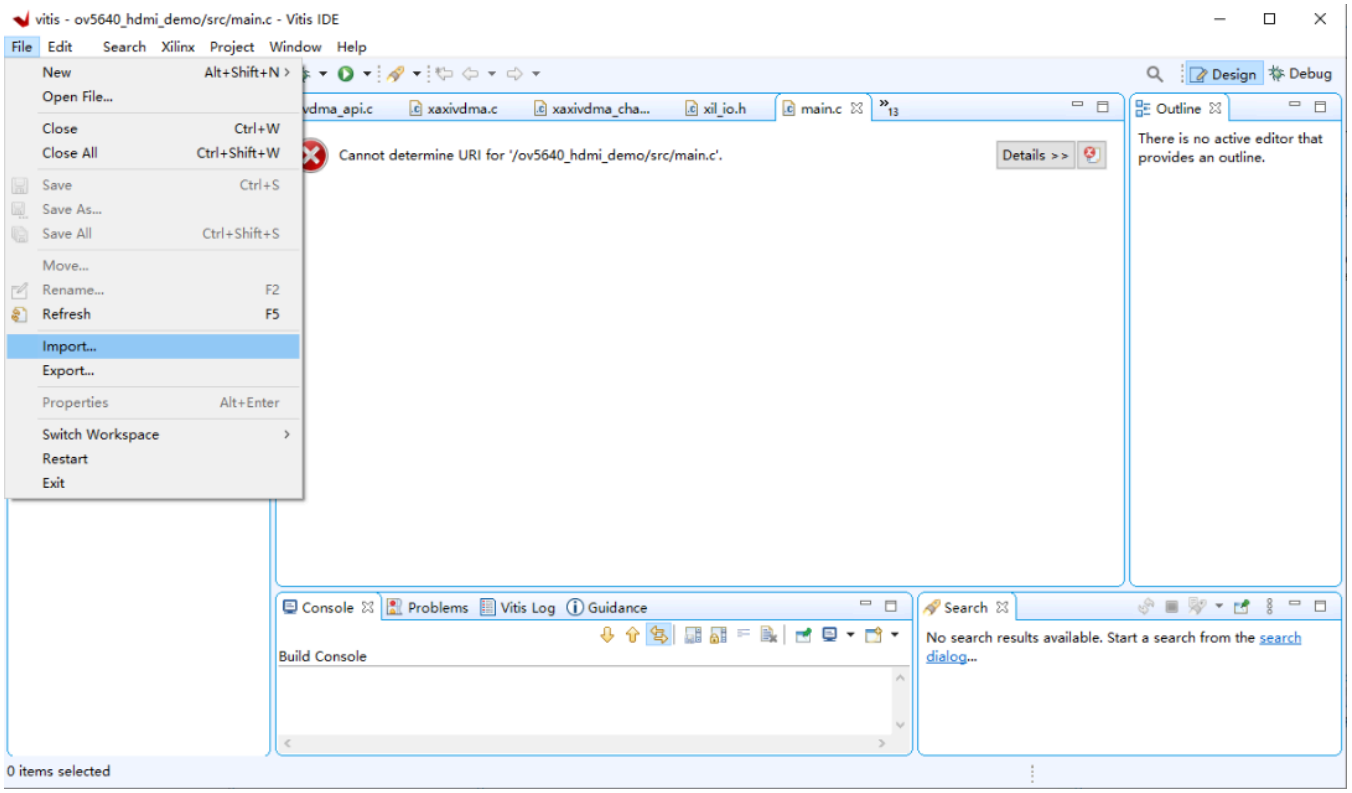
1. After opening the workspace in Vitis, the project files are not loaded under Explorer



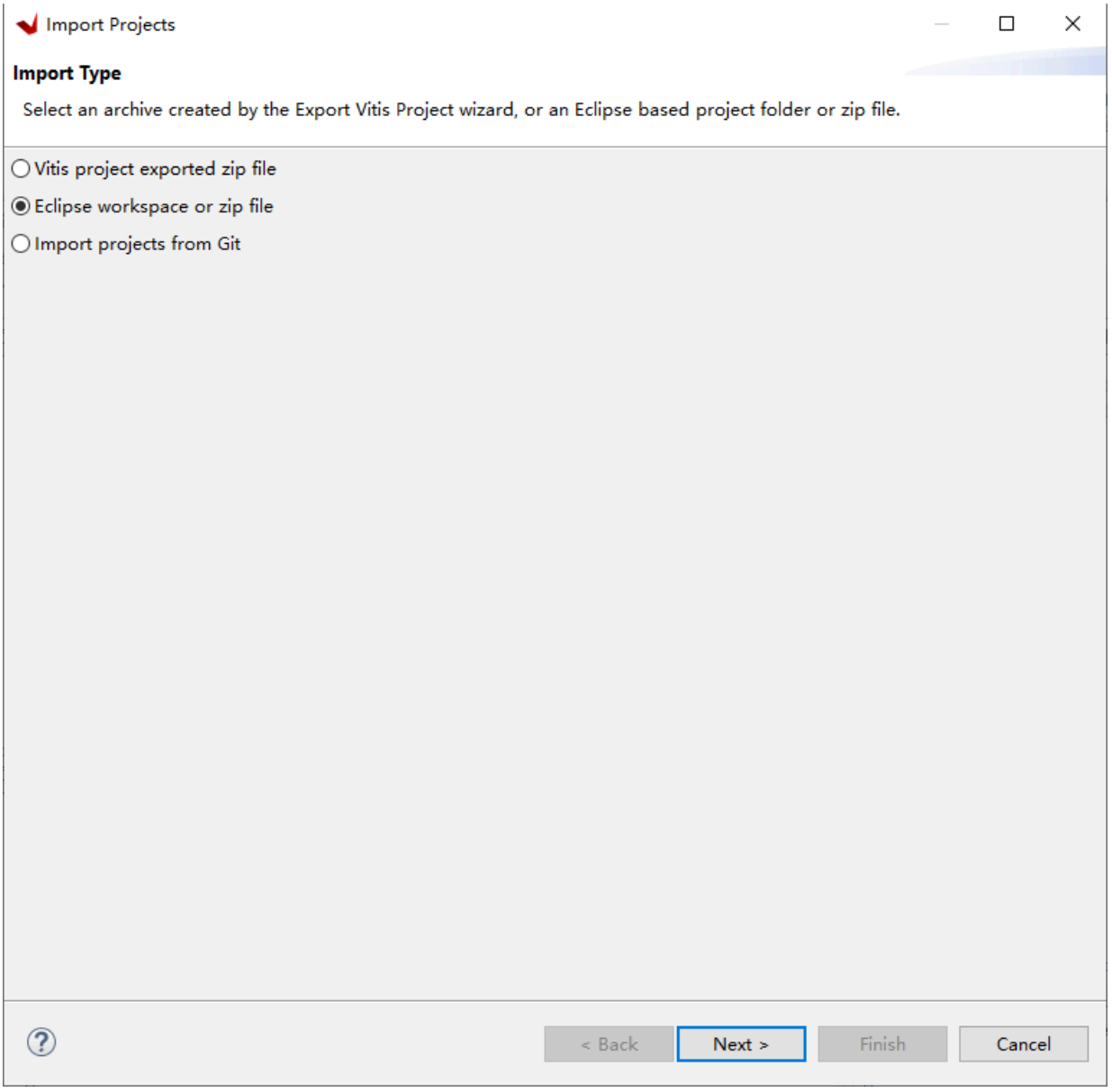
Solution:

This is caused by a change in the storage path of the Vitis workspace. The Vitis project needs to be re-imported.

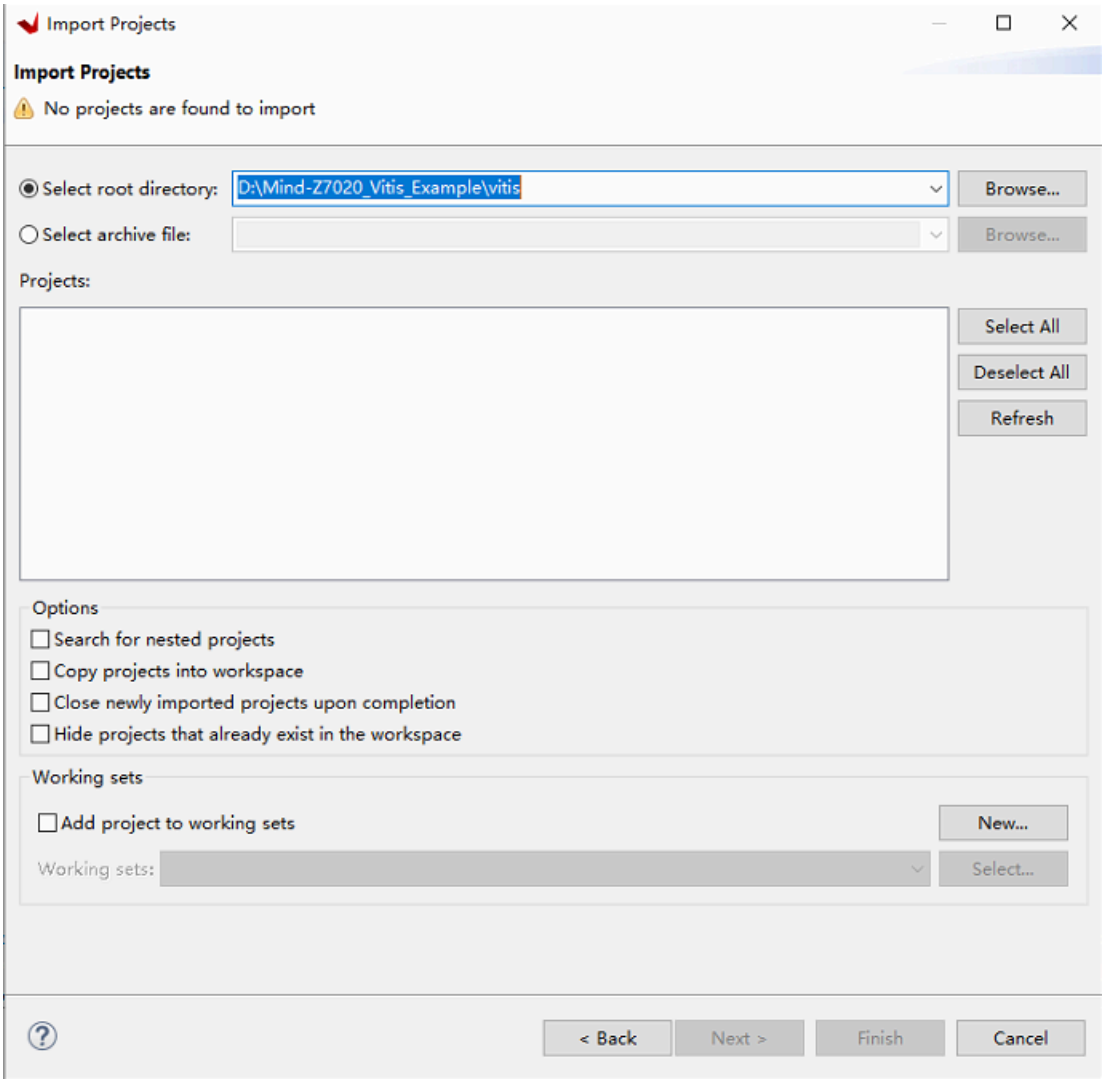
Import the project via File->Import



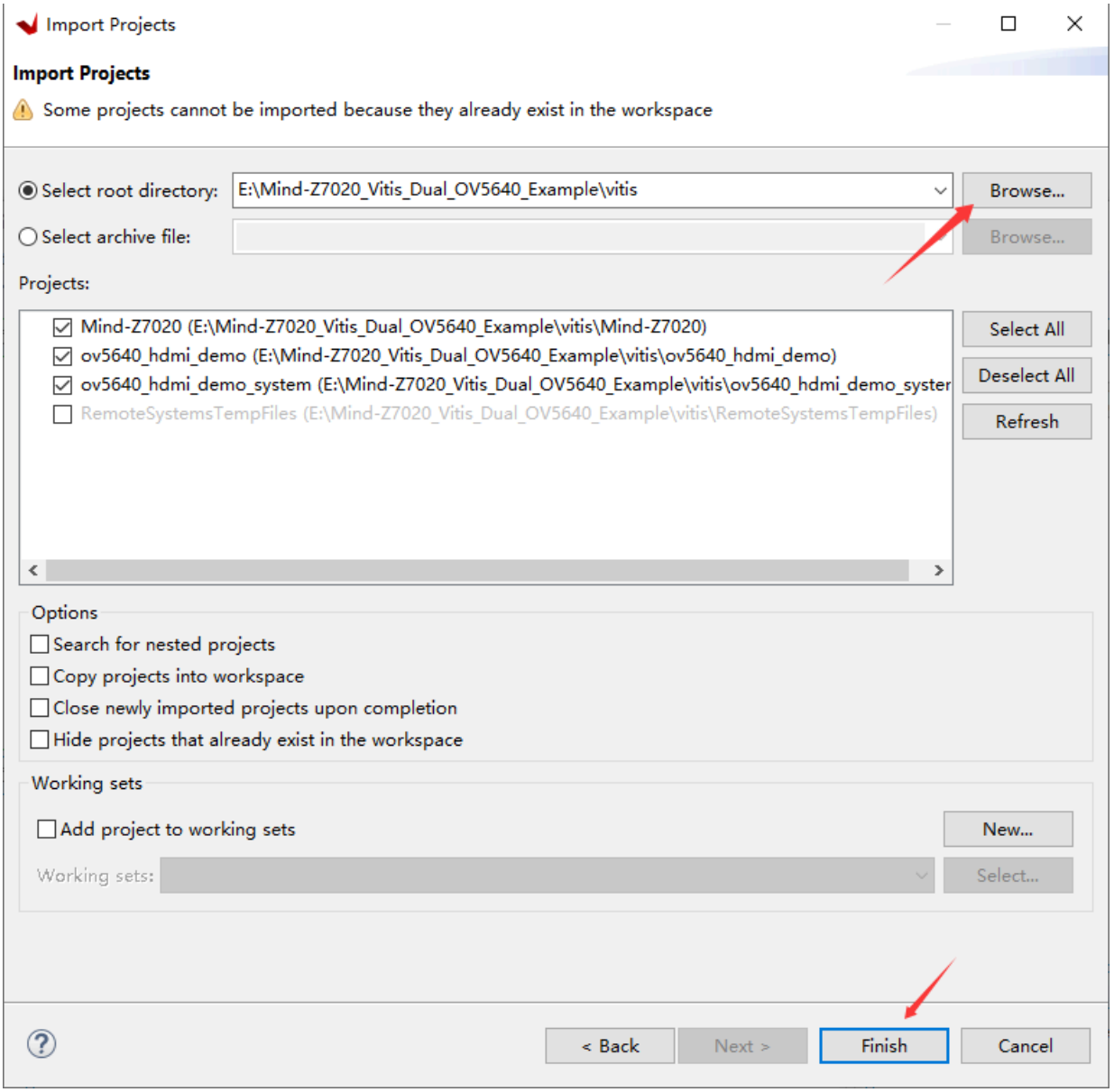
In the pop-up interface, select `Eclipse workspace or zip file`



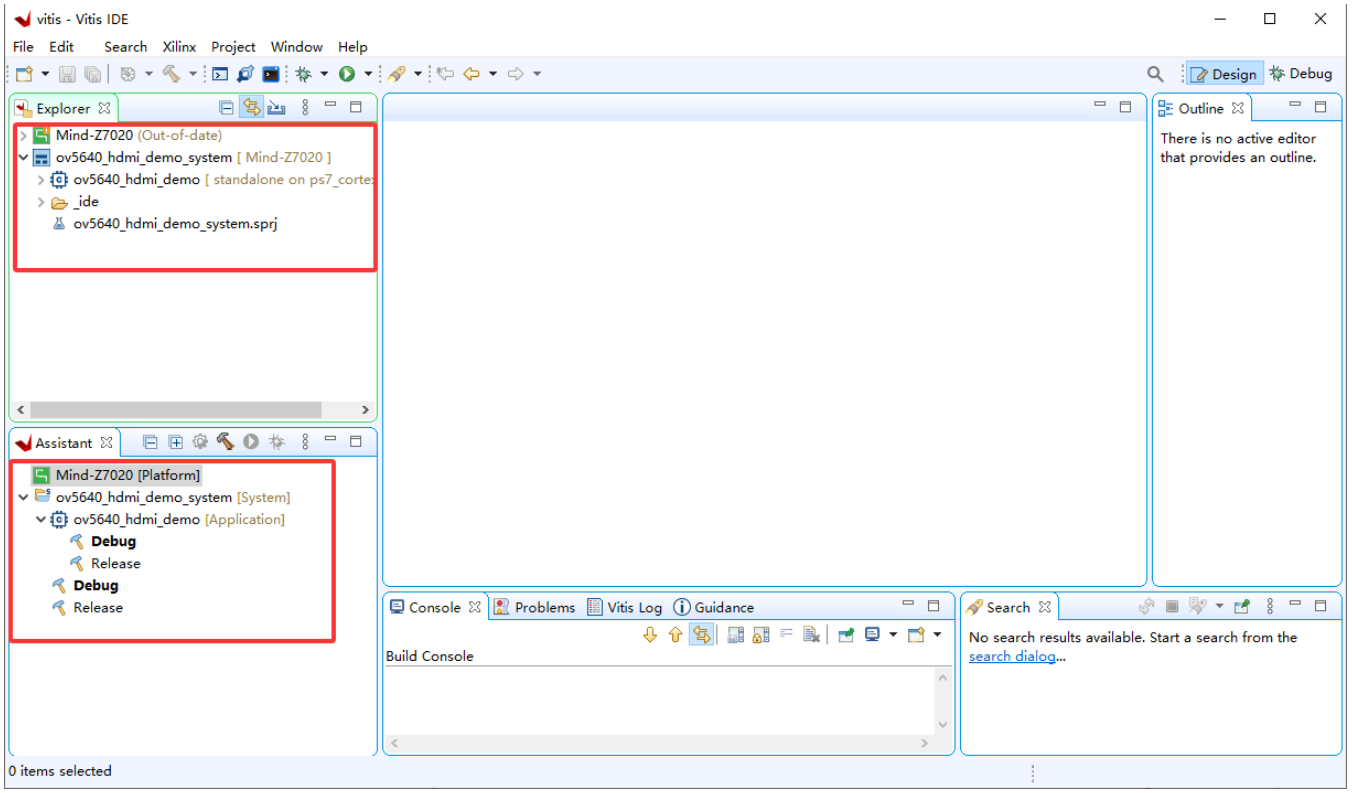
The folder path displayed in the next pop-up interface should be inconsistent with the existing project.



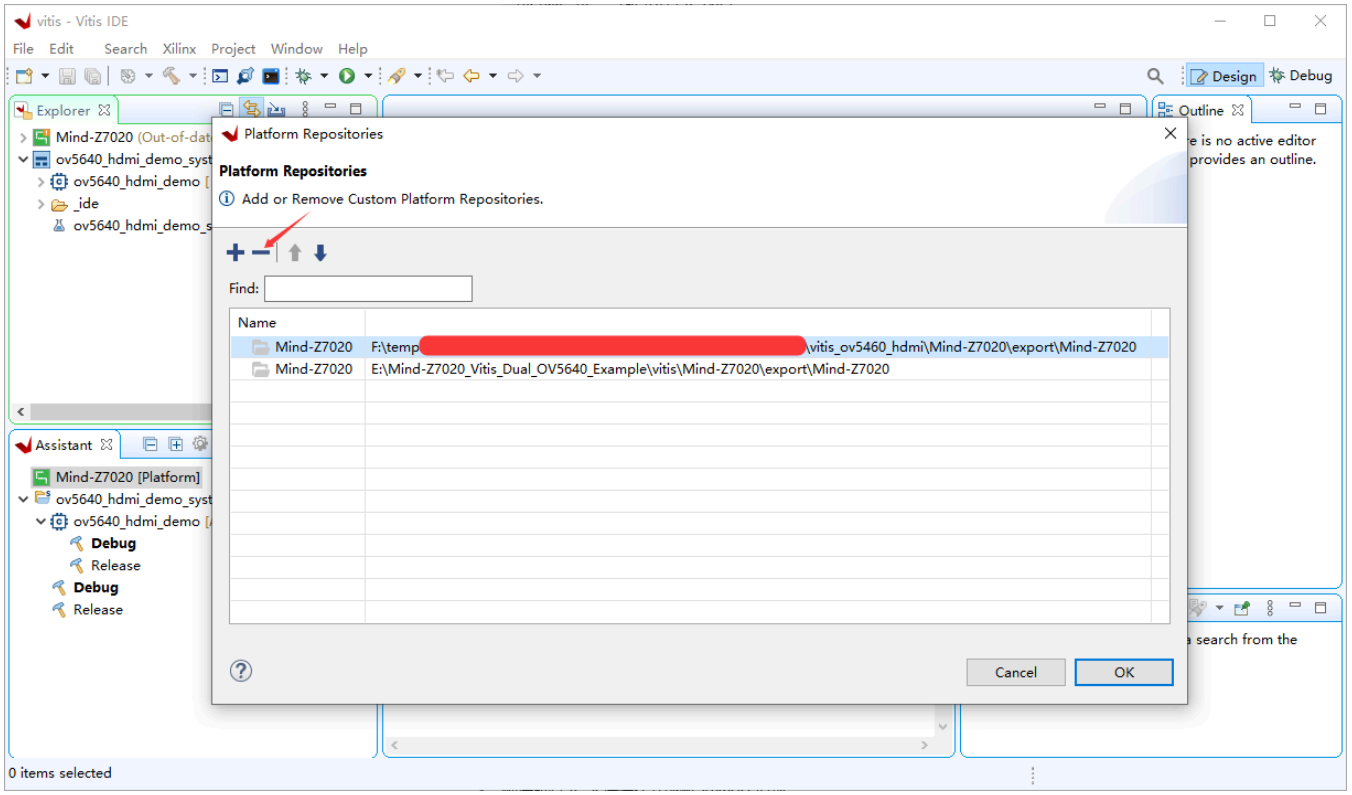
Use the `Browse` button to reselect the Vitis workspace folder. The list below will then show the Vitis projects (including `Platform Project` and `Application Project`) located in the currently selected folder. Check the projects you wish to load. If you cannot check the projects, verify that `Copy projects into workspace` under `Options` is checked.



After clicking `Finish`, you will see the project under `Explorer`.



Next, you also need to modify the `Platform Repositories`. Do this via the menu: `Xilinx->Platform Repositories...`. The pop-up interface will display multiple `Platform Repositories`. Delete the repositories that do not correspond to the current workspace one by one, keeping only the repository for the current workspace.



2. When compiling a project in Vitis, an error similar to `QEMU` file not found is reported

`Reason: Error: Qemu arguments File given C:/Xilinx/Vitis/2021.1/data/emulation/platforms/zynq/sw/a9_standalone/qemu/qemu_args.txt do not exist`

Solution:

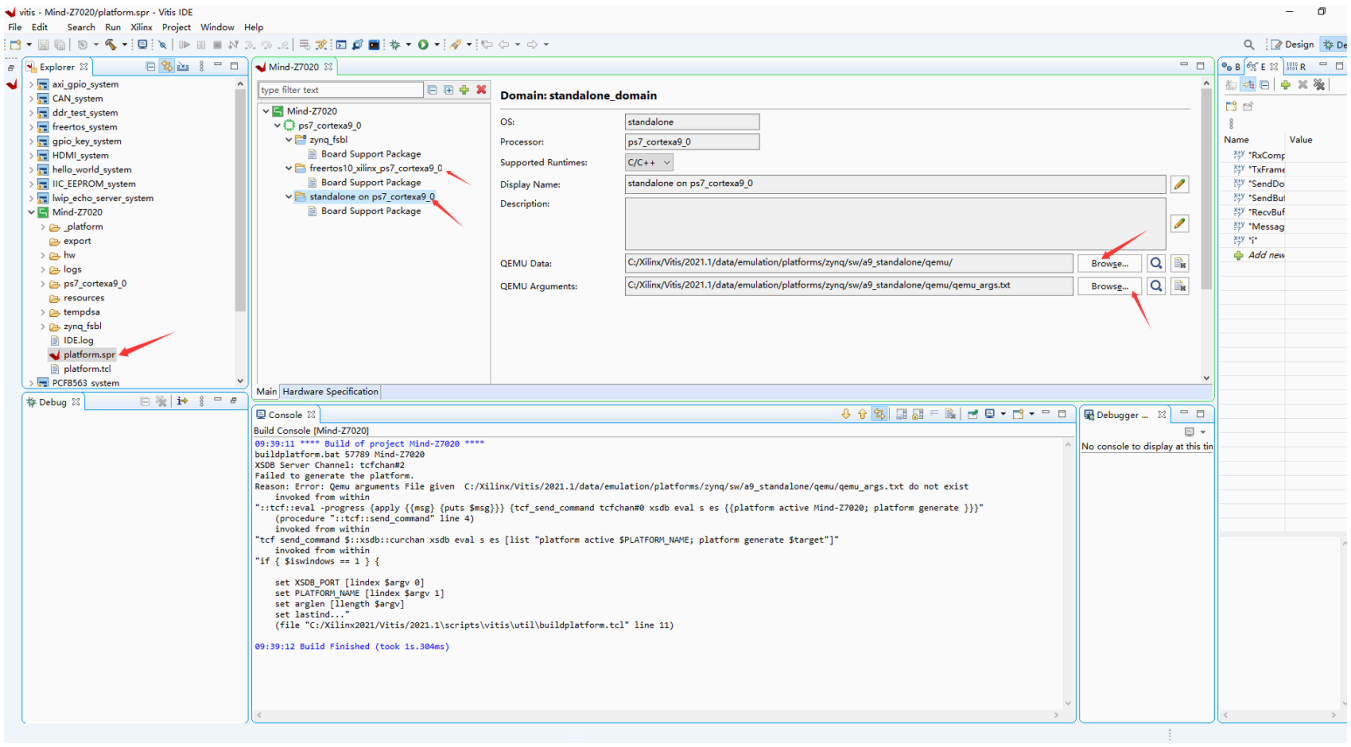
This is because the Vitis installation environment has changed (for example, the installation path of Vitis has changed). The `QEMU` path needs to be re-specified.

You can first clean the platform project and the application project.

Open the `platform.spr` file and modify the QEMU configuration for `standalone` and `freertos` (if present).

Click on `standalone on ps7_contexa9_0`, and in the right-hand panel, use `Browse...` to re-specify the paths for `QEMU Data` and `QEMU Arguments`.

If other `Domains` exist, handle them in the same way.


vitis - Mind-Z7020/platform.spr - Vitis IDE
File Edit Search Run Xilinx Project Window Help
Explorer
axi_gpio_system
CAN_system
ddr_test_system
freertos_system
gpio_key_system
HDMI_system
hello_world_system
IIC_EEPROM_system
lwip_echo_server_system
Mind-Z7020
_platform
export
hw
logs
ps7_cortexa9_0
resources
tempdsa
zynq_fsbl
IDE.log
platform.spr
platform.tcl
PCF8563_system
Debug
Mind-Z7020
type filter text
Mind-Z7020
ps7_cortexa9_0
zynq_fsbl
Board Support Package
freertos10_xilinx_ps7_cortexa9_0
Board Support Package
standalone on ps7_cortexa9_0
Board Support Package
Domain: standalone_domain
OS:
standalone
Processor:
ps7_cortexa9_0
Supported Runtimes:
C/C++
Display Name:
standalone on ps7_cortexa9_0
Description:
QEMU Data:
C:/Xilinx/Vitis/2021.1/data/emulation/platforms/zynq/sw/a9_standalone/qemu/
Browse...
QEMU Arguments:
C:/Xilinx/Vitis/2021.1/data/emulation/platforms/zynq/sw/a9_standalone/qemu/qemu_args.txt
Browse...
Main
Hardware Specification
Console
Build Console [Mind-Z7020]
09:39:11 **** Build of project Mind-Z7020 ****
buildplatform.bat 57789 Mind-Z7020
XSDB Server Channel: tcfchan#2
Failed to generate the platform.
Reason: Error: Qemu arguments File given C:/Xilinx/Vitis/2021.1/data/emulation/platforms/zynq/sw/a9_standalone/qemu/qemu_args.txt do not exist
invoked from within
"::tcf::eval -progress {apply {{msg} {puts $msg}}} {tcf_send_command tcfchan#0 xsdb eval s es {{platform active Mind-Z7020; platform generate }}}"
(procedure "::tcf::send_command" line 4)
invoked from within
"tcf send_command $::xsdb::curchan xsdb eval s es [list "platform active $PLATFORM_NAME; platform generate $target"]"
invoked from within
"if { $iswindows == 1 } {
set XSDB_PORT [lindex $argv 0]
set PLATFORM_NAME [lindex $argv 1]
set arglen [llength $argv]
set lastind..."
(file "C:/Xilinx2021/Vitis/2021.1\scripts\vitis\util\buildplatform.tcl" line 11)
09:39:12 Build Finished (took 1s.304ms)
Debugger ...
No console to display at this tin
Design
Name
Value