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run-docker.sh does not mount \$VITIS_PATH #266

[Closed](#)

michael-barrow opened this issue on Jan 22, 2021 · 2 comments

I have this issue with Ubuntu 20.04, Docker version 20.10.2, and Vitis 2020.2

I'm trying to run the docker image using the run-docker.sh script. like so:

```
./run-docker.sh
```

Unfortunately this does not work.

Docker reports that files within the folder \$VITIS_PATH do not exist, but I can confirm they do in the native operating system. For example, the output log of run-docker.sh reports:

```
` ...
```

```
/tools/Xilinx/Vivado/2020.2/settings64.sh: line 5: /tools/Xilinx/DocNav/.settings64-DocNav.sh: No such file or directory
```

```
...`
```

however a cat of the file reported non-existing yeilds:

```
`cat /tools/Xilinx/DocNav/.settings64-DocNav.sh
```

```
#####
```

```
Copyright (c) 1986-2020 Xilinx, Inc. All rights reserved....
```

```
`
```

Any ideas?



michael-barrow commented on Jan 23, 2021

Author

I'm leaving the issue up in case someone unfamiliar with docker, like me, sees something similar.

My Vitis install seemed to have a different organization than expected by run-docker.sh

To fix this, I made sure to add a mount entry point in run-docker.sh with access to the paths that were not accessible.

The end of my run-docker.sh was modified like so:

```
...
fi
DOCKER_EXEC+=" -v /tools/Xilinx:/tools/Xilinx "
#DOCKER_EXEC+=" -v $VIVADO_PATH:$VIVADO_PATH"
DOCKER_EXEC+=" -v $VITIS_PATH:$VITIS_PATH "
DOCKER_EXEC+=" -v $PLATFORM_REPO_PATHS:$PLATFORM_REPO_PATHS "
DOCKER_EXEC+=" -v $XILINX_XRT:$XILINX_XRT "
DOCKER_EXEC+=" -e VITIS_PATH=$VITIS_PATH "
DOCKER_EXEC+=" -e PLATFORM_REPO_PATHS=$PLATFORM_REPO_PATHS "
DOCKER_EXEC+=" -e XILINX_XRT=$XILINX_XRT "
```



```
DOCKER_EXEC+= -e ALVEO_BOARD=$ALVEO_BOARD
DOCKER_EXEC+= "-e ALVEO_TARGET_DIR=$ALVEO_TARGET_DIR "
fi
DOCKER_EXEC+="$DOCKER_EXTRA "
DOCKER_EXEC+="$DOCKER_TAG $DOCKER_CMD"

$DOCKER_EXEC
```



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michael-barrow closed this as completed on Jan 23, 2021

maltanar commented on Jan 23, 2021

Collaborator

Hi Michael. The `/.settings64-DocNav.sh`: No such file or directory message should be harmless by itself and should not prevent the Docker container from starting (since FINN doesn't use docnav). Did you encounter any other problems besides that message?



Assignees

No one assigned

Labels

None yet

Projects

None yet

Development

No branches or pull requests

2 participants

