

BEFORE WORKSHOP

Sign up for the Intel® DevCloud

<https://intelsoftwaresites.secure.force.com/DevCloud/>

Put “FPGA1016” as your event code

Download class materials

Lab files and instructions:

<https://www.intel.com/content/www/us/en/programmable/customertraining/SFiles/oneAPILabsV3.zip>

Class slides:

<https://www.intel.com/content/www/us/en/programmable/customertraining/SFiles/oneAPISlidesV3.pdf>

Workshop sign-up process – Step 1 of 6

<https://intelsoftwaresites.secure.force.com/devcloud/oneapi>

Get Access Now

Already have access? [Sign in.](#)

Required Fields(*)

First Name *

Last Name *

Email Address *

Country / Region *

Company or University *

<FPGA1016>

Workshop sign-up process – Step 2 of 6

<https://intelsoftwaresites.secure.force.com/devcloud/oneapi>

Which hardware and accelerator architecture are you developing for? (Select all that apply) *

- ☐ ASICs (application-specific integrated circuits)
- ☐ CPU
- ☐ FPGA (field-programmable gate array)
- ☐ GPGPU (general-purpose GPU)
- ☐ GPU
- ☐ Integrated Graphics
- ☐ IPU (image processing unit)
- ☐ NNPU (neural network processing unit)
- ☐ VPU (vision processing unit)
- ☐ Other

What type of developer are you? *

- Select - ▼

Do you have an event code provided by Intel? (Optional)

FPGA0910

☐ I have read and accept the [Intel® DevCloud Agreement](#) *

☐ Yes, I would like to subscribe to stay connected to the latest technologies and industry trends by email or telephone. I can unsubscribe at any time.

By submitting this form, you are confirming you are an adult 18 years or older and you agree to share your personal information with Intel to use for this business request. Intel's websites and communications are subject to our [Privacy Notice](#) and [Terms of Use](#).

Submit

<FPGA1016 >

Thank you for Registering, you shall receive an email in your inbox to access DevCloud ..

Welcome to Intel® DevCloud. Use this computing resource to develop, test, and run your workloads across a range of Intel® CPUs, GPUs, and FPGAs.

Your account has been activated and you can now connect to the Intel® DevCloud.

Username: xxxxx

Node Name: xxxxx

Workshop Sign-up process – Step 3 of 6

<https://intelsoftwaresites.secure.force.com/devcloud/oneapi>

WELCOME

Intel® DevCloud is preinstalled with the latest Intel® hardware, frameworks, tools, and libraries.

Read and Accept Terms and Conditions

By accessing this site and the cloud computing services that it provides, you acknowledge and accept the following:

- [Intel DevCloud Access and Software License Agreement](#)
- [Colfax Services Terms](#)

✓ You accepted these terms on April 30, 2020, 1:32 PM GMT+5:30.

☒ I, [REDACTED] accept these terms.

Workshop sign-up process – Step 4 of 6

<https://intelsoftwaresites.secure.force.com/devcloud/oneapi>

Dear Kavita Aroor,

Welcome to Intel® DevCloud. Use this computing resource to develop, test, and run your workloads across a range of Intel® CPUs, GPUs, and FPGAs.

Your account has been activated and you can now connect to the Intel® DevCloud.


Go to the Intel DevCloud home page: <https://devcloud.intel.com/oneapi/?uuid=5be8d9d4-084b-409a-4>

User Name: xxxx

Node Name: xxxx

< TBD >

Workshop sign-up process – Step 5 of 6

 **Developer Zone**

Intel® DevCloud
for oneAPI Projects

Expiration: 08/28/2020 ▾ Sign out (u4202)


Dashboard

Connect

Get Started

Learn


Forum



1 - CONNECT

Use a Secure Shell (SSH) client terminal or a Jupyter* Notebook in your web browser to begin.


[Connection Options](#)



2 - GET STARTED

Try a sample in the DevCloud terminal and learn how to access the Intel oneAPI Toolkits.

[Try Your First Sample](#)



3 - LEARN

Learn about the features of the compute nodes, data management, and how to submit, query, and delete your jobs.


[Browse Documentation](#)

Workshop sign-up process – Step 6 of 6

[Dashboard](#)[Connect](#)

CONNECT TO INTEL® DEVCLOUD


Use a Secure Shell (SSH) client terminal or a JupyterLab* in your web browser to begin.



Connect with a Terminal

Select your operating system to get started.

[Windows* with Cygwin](#) (preferred)
[Windows* with PuTTY](#) (legacy)
[Linux* or macOS](#) (SSH client)



Connect with JupyterLab*

[One-click Log In](#)

or

URL: <https://jupyter.oneapi.devcloud.intel.com/>
Username: u42034
Password: [show](#)

STEPS TO ACCESS FPGA LAB FILES

ACCESS FPGA LAB FILES - STEP 1

Download class materials

- Lab files and instructions:
- <https://www.intel.com/content/www/us/en/programmable/customertraining/SFiles/oneAPILabsV3.zip>
- Class slides:
- <https://www.intel.com/content/www/us/en/programmable/customertraining/SFiles/oneAPISlidesV3.pdf>



labs.zip



README.pdf



unzip



**Open and follow instructions in
README.pdf**

ACCESS FPGA LAB FILES - STEP 2

<input checked="" type="checkbox"/>	lab0	File folder
<input checked="" type="checkbox"/>	lab1	File folder
	lab2	File folder
	lab3	File folder

Work

lab0/jupyter_intro.ipynb

lab1/DPCPP_Program_Structure.ipynb

**YOU CAN PRACTICE LAB0 &
LAB1 BEFORE WORKSHOP**