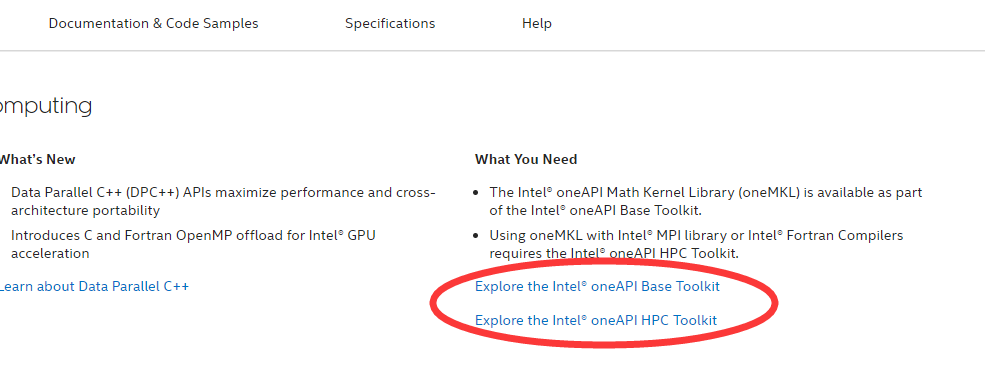
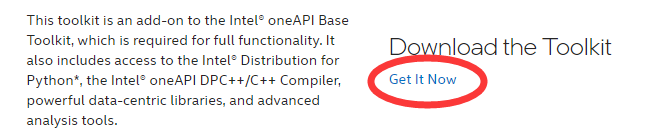
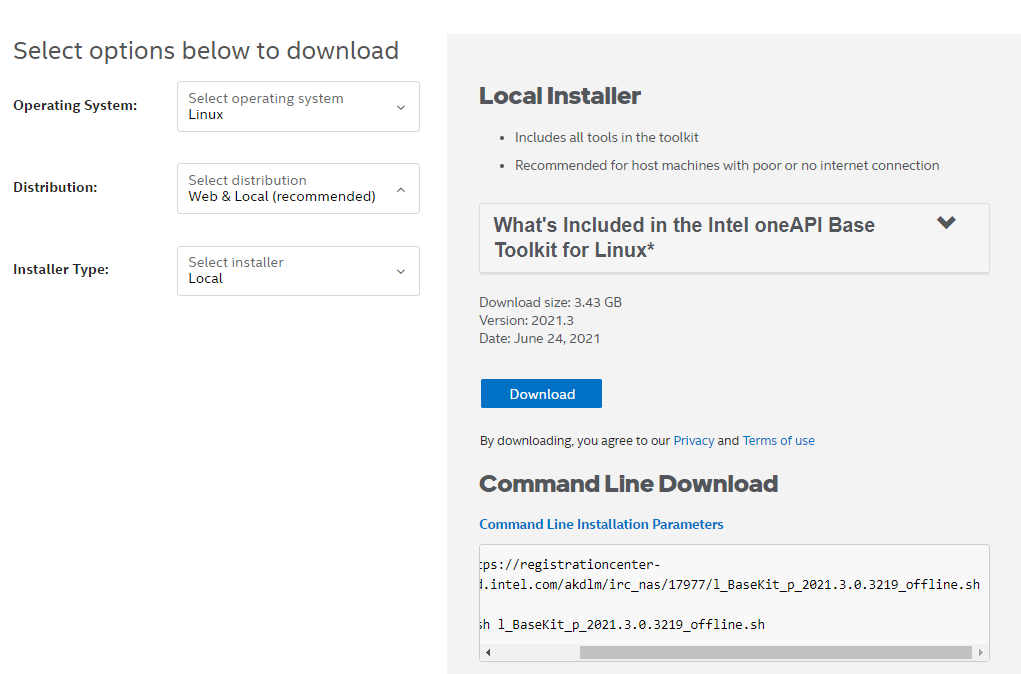
1. 在官网https://software.intel.com/content/www/us/en/develop/tools/oneapi/components/onemkl.html 下载linux系统版本的两个安装包：
2. Intel® oneAPI Base Toolkit
3. Intel® oneAPI HPC Toolkit

下载过程示意图如下：







1. 安装 l\_BaseKit\_p\_2021.3.0.3219\_offline
2. 安装必要软件包（每台机子可能有差别）：

sudo apt-get install libnss3

sudo apt-get install libnotify4

sudo apt-get install libgtk-3-0

sudo apt-get install xdg-utils

sudo apt-get install libgbm1

sudo apt-get install libglib2.0-bin

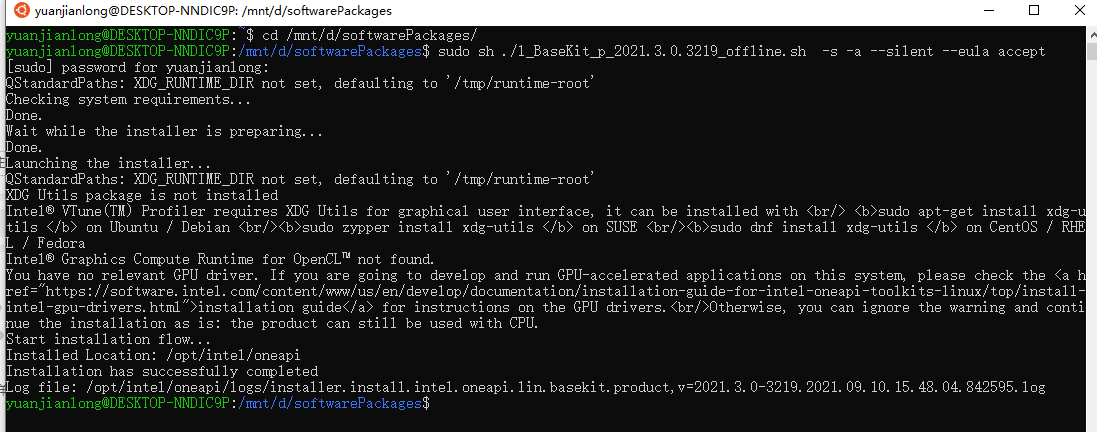
sudo apt-get install libatspi2.0-0

1. 界面提示安装方法: sudo sh l\_BaseKit\_p\_2021.3.0.3219\_offline
2. 命令行(非界面)提示安装方法教程:

<https://software.intel.com/content/www/us/en/develop/documentation/installation-guide-for-intel-oneapi-toolkits-linux/top/installation/install-with-command-line.html#install-with-command-line>

1. 命令为: sudo sh l\_BaseKit\_p\_2021.3.0.3219\_offline.sh -s -a --silent --eula accept

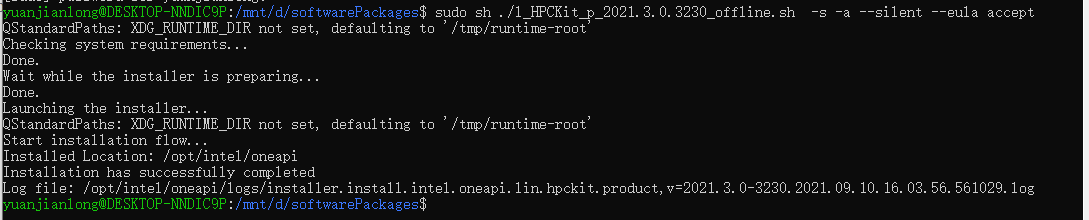
4．安装成功会显示如下图的信息，如果显示failed则重启计算机再尝试安装。



1. 安装 l\_HPCKit\_p\_2021.3.0.3230\_offline.sh
2. 界面提示安装方法: sudo sh l\_HPCKit\_p\_2021.3.0.3230\_offline.sh
3. 命令行(非界面)提示安装方法教程:

https://software.intel.com/content/www/us/en/develop/documentation/installation-guide-for-intel-oneapi-toolkits-linux/top/installation/install-with-command-line.html#install-with-command-line

1. 命令为: sudo sh ./l\_HPCKit\_p\_2021.3.0.3230\_offline.sh -s -a --silent --eula accept
2. 安装成功会显示如下信息，如果显示failed则重启计算机再尝试安装。



四、设置环境变量

1）source ./opt/intel/oneapi/setvars.sh

显示如下信息：



2）在终端输入：vi ~/.bashrc

3）在底部加上环境变量语句：

export INTEL\_PATH=/opt/intel/oneapi/mpi/2021.3.0

export PATH=$PATH:$INTEL\_PATH/bin

4）保存并退出~/.bashrc

5）环境变量生效，执行：

source ~/.bashrc

mpicc

6）检查是否安装成功，在终端输入mpirun，显示：



或者在终端输入：ifort -v



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