Using OSG Connect

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Overview

**OSG Connect** is a new system integrating computing cycles and data movement. Like UC3 it provides a web portal to [register](#) and [access the documentation](#) and a submit host to submit and manage your jobs and have easier access to **Open Science Grid**. But in OSG Connect the data is more integrated: **stash** is a Web server to export your data and from the portal you can start moving data with **Globus Online** (osgconnect#stash). And collaborating is easier: you can still use your CNetID and password but using the [InCommon](#) authentication or a Globus Online account it is very easy for your collaborators also from other institutions to join the same project on OSG Connect.

Getting Started

Assuming that you are familiar with UC3 and have a CnetID you'll be able to start using OSG Connect quickly.

1. Go to the **OSG Connect** web site and register by clicking on "Log In or Register" (upper right corner) and following the instructions. [Here a document explaining the registration](#).

2. Join a project or create a new project (e.g. the one you have in UC3).

3. Login on login.osgconnect.net and start submitting your jobs. [Here is a quickstart guide](#) but you'll feel right at home, it is not much different to use form uc3-sub.uchicago.edu. Just remember to specify a **ProjectName** in your jobs or to add a $HOME/.osg_default_project file with your default project name.

And there is much more: **ConnectBook** is a collection of guides.

Picked for you

Here some tutorials that you could start with.

The directory ~/data/public is exported on the Web by **stash** as [https://stash.osgconnect.net/+USER_ID](https://stash.osgconnect.net/+USER_ID) and you can use it to move your data. See [Access Stash remotely from your job using HTTP](#) for an example.
There are software packages like R and Anaconda (Python, NumPy, ...) available thanks to PALMS and OASIS. See Software access using OASIS.

You can connect to OSG Connect, for your personal use, other resources that you have access to, e.g. Midway cluster from RCC. Submit to your campus cluster from OSG Connect shows to you how to do that.