

iPlant Data Management Workshop Cheatsheet

Quick Start Guide: <http://www.iplantcollaborative.org/Zk4>

iPlant Data Store Manual: <http://www.iplantcollaborative.org/Zko>

Discovery Environment: <http://www.iplantcollaborative.org/ZkJ>

Data Store Web (Davis): <http://www.iplantcollaborative.org/Zk3>

Access Methods

Name	Access Method	Advantages	Disadvantages
Discovery Environment	Web	•Integrate in Discovery Environment	2GB upload limit
Davis	Web	•Ability to create a web-link to share a file •Modify and add metadata	2GB upload limit
iDrop-Lite	Stand-alone client	•Drag and drop transfer of files •Uses parallel means to transfer files quickly •Can transfer a directory	beta release, a bit clunky in places
WebDAV	https://	•Data Store appears as a mounted directory •Transfer multiple files/directories easily	Limited by single pipe transfers 2GB transfer limit
i-Commands	Command Line	•Ability to upload any sized data •Parallel transfer of data files •power tools!	command line tools

See the link to the Quick Start Guide for getting access to these resources:

<http://www.iplantcollaborative.org/Zk4>

Important Information For Connecting to the iPlant Data Store:

server: data.iplantcollaborative.org

port: 1247

zone: iplant

The iPlant Data Store is based on the iRODS system:

<http://irods.org>