

## Basic Operations

### Table of Contents

- [Understanding the Dashboard](#)
- [Using Home Directory](#)
- [Shell Access \(Command Line Operations\)](#)

### Understanding the Dashboard

**OPEN**  
**OnDemand**

OnDemand provides an integrated, single access point for all of your HPC resources.

**Pinned Apps** A featured subset of all available apps

**Interactive Apps**

- Code Server  
System Installed App
- Desktop  
System Installed App
- Jupyter Notebook  
System Installed App

**Passenger Apps**

- Home Directory  
System Installed App
- Frontend Server(ccfep)  
Shell Access  
System Installed App

### Top Menu Bar

- **Apps:** List of all applications
- **Interactive Apps:** Applications available for interactive use
- **Passenger Apps:** Basic services like file operations and shell access
- **My Interactive Sessions:** Monitor and manage current interactive sessions
- **Help:** Help documentation and support information
- **Log Out:** Log out from OpenOnDemand

### Pinned Applications

#### Interactive Apps:

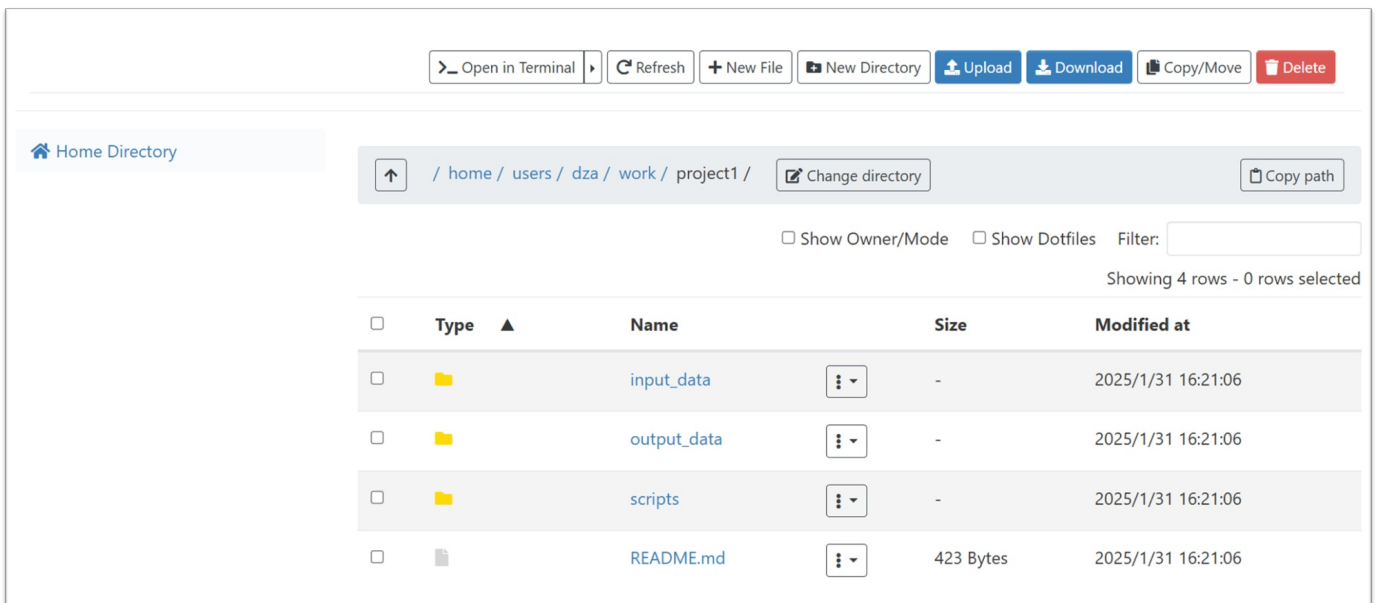
- Code Server: VS Code running in browser
- Desktop - Graphical desktop environment
- Jupyter Notebook - Interactive Python development environment

#### Passenger Apps:

- Home Directory: Home directory file management
- Frontend Server Shell Access: Command-line interface

## Using Home Directory

### Screen Layout



The file explorer contains these main elements:

### 1. Toolbar

- Open in Terminal: Open current directory in terminal
- Refresh: Update display
- New File: Create new file
- New Directory: Create new folder
- Upload: Upload files
- Download: Download files
- Copy/Move - Copy or move files
- Delete: Delete files

### 2. Path Bar

- Shows current directory path
- Change directory: Move to directory by direct input
- Copy path: Copy current path to clipboard

### 3. Display Options

- Show Owner/Mode: Display owner and permissions
- Show Dotfiles: Display hidden files
- Filter: Filter by filename

## Basic Operations

### ■ File Upload

Drag files or folders from your PC and drop them directly into the file list area.

- Multiple files and folders can be uploaded simultaneously
- For large file uploads, we recommend using a stable internet connection

### ■ File Download

1. Select the checkbox of files or folders you want to download
2. Click the [Download] button
3. Selected items will be downloaded

### ■ File Organization

Creating New:

- Click [New File] button for files
- Click [New Directory] button for folders

Deleting:

1. Select items to delete
2. Click [Delete] button
3. Choose [OK] in confirmation screen

## ■ Checking File Information

Check [Show Owner/Mode] to display file owners and permissions.

### Shell Access (Command Line Operations)

1. How to Start
  - Click "Frontend Server Shell Access" on dashboard
  - Terminal screen opens in new browser tab
2. Basic Usage
  - Type commands using keyboard
  - Press Enter to execute
3. How to Exit
  - Close the browser tab

※For basic command usage, please refer to:

<https://ccportal.ims.ac.jp/manual/tips-cui>