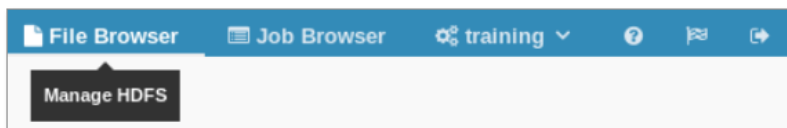


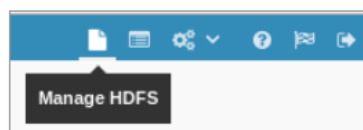
# Access HDFS with Hue

## Use the Hue File Browser to browse, view and manage files

13. Start Firefox on the VM by clicking its icon on the main menu panel at the top of the screen.
14. Click the Hue bookmark, or visit `http://localhost:8888`
15. Because this is the first time anyone has logged into Hue on this server, you will be prompted to create a new user account. Enter username **training** and password **training**, then click **Create Account**. (If prompted you may click "Remember Password")
  - **Note:** When you first log in to Hue you may see a misconfiguration warning. This is because not all the services Hue depends on are running on the course VM. You can disregard the message.
16. Hue has many useful features, many of which will be covered later in the course. For now, to access HDFS, click **File Browser** in the Hue menu bar. (The mouse-over text is "Manage HDFS").



- **Note:** If your Firefox window is too small to display the full menu names, you will see just the icons instead.

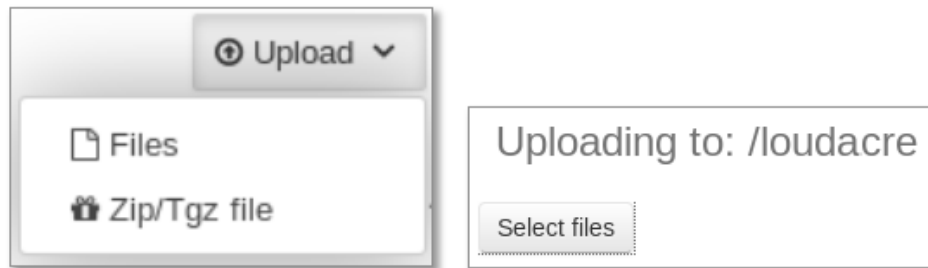


17. By default, the contents of your HDFS home directory (`/user/training`) display. In the directory path name, click the leading slash (`/`) to view the HDFS root directory.



18. The contents of the root directory display, including the **loudacre** directory you created earlier. Click on that directory to see the contents.
19. Click on the name of the **kb** directory to see the knowledge base articles you uploaded.
20. View one of the files by clicking on the name of any one of the articles.

21. In the file viewer, the contents of the file are displayed on the right. In this case, the file is fairly small, but typical files in HDFS are very large, so rather than displaying the entire contents on one screen, Hue provides buttons to move between pages.
22. Return to the directory review by clicking **View file location** in the Action panel on the left.
23. Click the up arrow (↑) to return to the /loudacre base directory.
24. To upload a file, click the **Upload** button. You can choose to upload a plain file, or to upload a zipped file (which will be automatically unzipped after upload). In this case, select **Files**, then click **Select Files**.



25. A Linux file browser appears. Browse to `/home/training/training_materials/data`
26. Choose `base_stations.tsv` and click the Open button.
27. When the file has uploaded, it will be displayed in the directory. Click the checkbox next to the file's icon, then click the **Actions** button to see a list of actions that can be performed on the selected file(s).
28. *Optional:* Explore the various file actions available. When you've finished, select any unneeded files you have uploaded and click the **Move to trash** button to delete.