

Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

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srujan0411 edited this page 7 minutes ago · 1 revision

Introduction :

This ICP is all about basic hadoop fs commands.

Steps :

1. Two files are given we have to append them both by loading one on hadoop and other from the local file system.
2. After appending both files we have to show the first and last five lines to verify that the files are appended.
3. After these steps load a third file in to hadoop and append all of them.
4. And at last present the output in HUE.

```
[cloudera@quickstart ~]$ hadoop fs -copyFromLocal /home/cloudera/Desktop/Bigdata
Programming/ICP1/datasets/shakespeare.txt /user/cloudera/ICP1/shakespeare.txt
[cloudera@quickstart ~]$ hadoop fs -appendToFile /home/cloudera/Desktop/BigdataProgramming/ICP1/datasets/word_list.txt /user/cloudera/ICP1/shakes
peare.txt
[cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/ICP1/shakespeare.txt | head -n 5
The Project Gutenberg EBook of The Complete Works of William Shakespeare, by
William Shakespeare
```

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The above image shows the commands that is used to load a file named shakespeare.txt in to hadoop and append it with word_list.txt and displaying the top five lines.

```
[cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/ICP1/shakespeare.txt | tail -n 5
using any compatible zip file extraction utility.
4) Delete the original zip file from your disk to save space. (optional)
```

End of this Project Gutenberg etext of Moby Word II by Grady Ward.

The above image shows the command to display the last five lines of the appended file.

```
[cloudera@quickstart ~]$ hadoop fs -copyFromLocal /home/cloudera/Desktop/BigdataProgramming/ICP1/datasets/Thirdfile.txt /user/cloudera/ICP1/Thirdfile.txt
[cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/ICP1/shakespeare.txt /user/cloudera/ICP1/Thirdfile.txt | hadoop fs -put - /user/cloudera/ICP1/Output.txt
[cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/ICP1/Output.txt | head -n 5
```

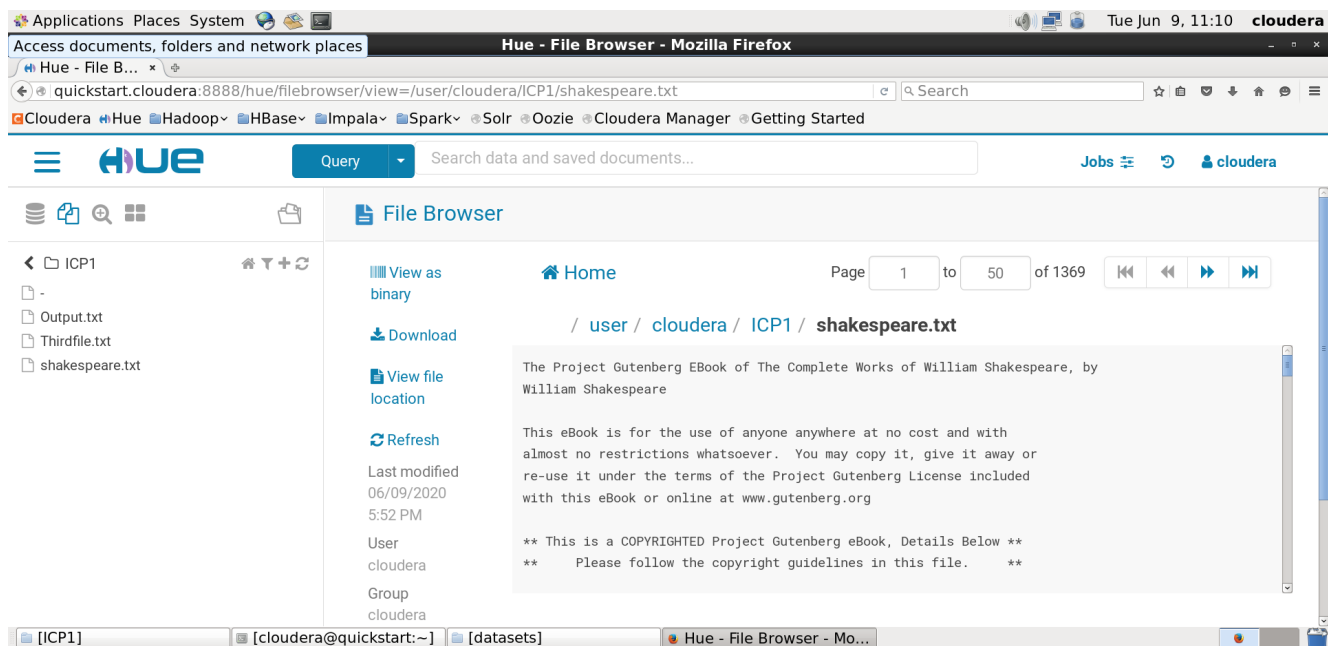
The Project Gutenberg EBook of The Complete Works of William Shakespeare, by William Shakespeare

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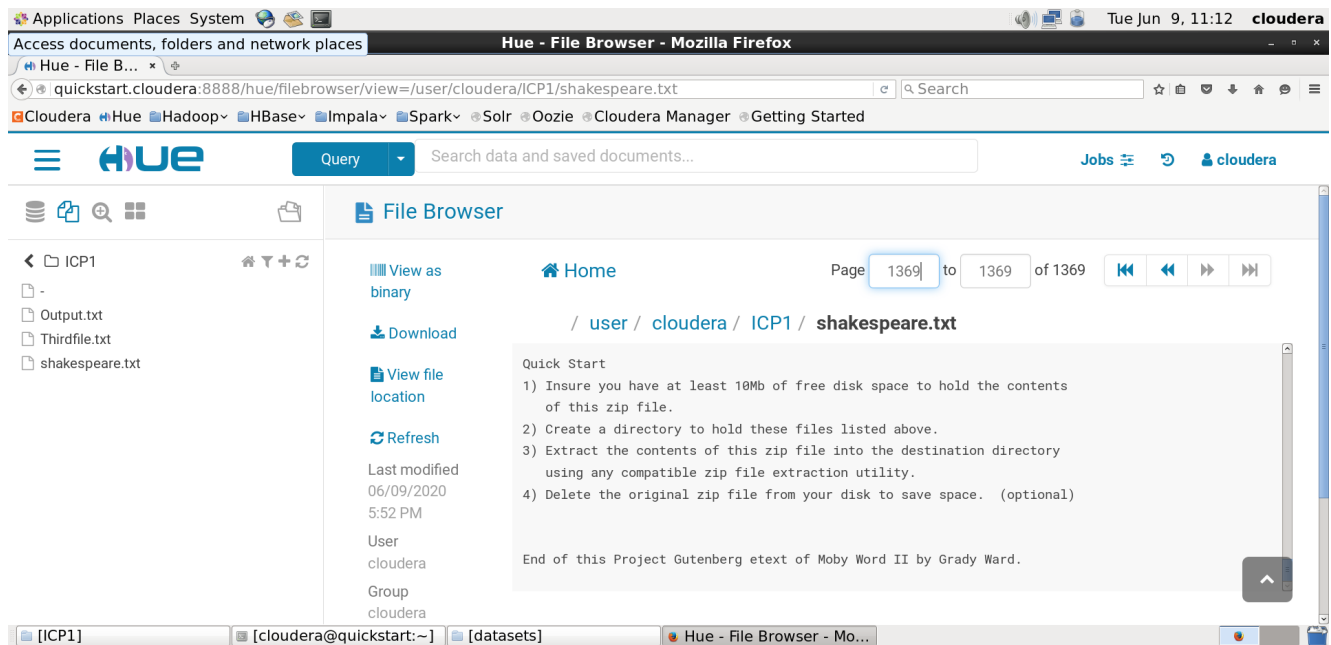
```
[cloudera@quickstart ~]$
[cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/ICP1/Output.txt | tail -n 5
```

End of this Project Gutenberg etext of Moby Word II by Grady Ward.
I am Srujan reddy with Student id 16291102

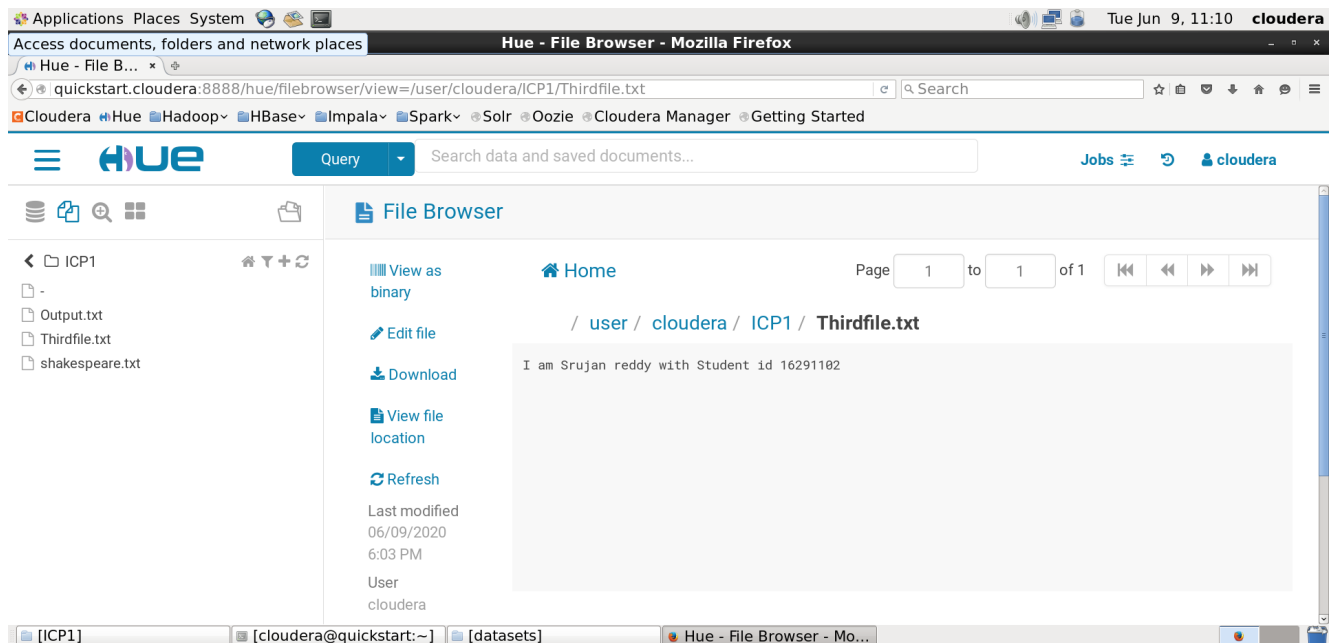
The above image shows the commands used to load, append all the files and display first and last five lines of the appended file.



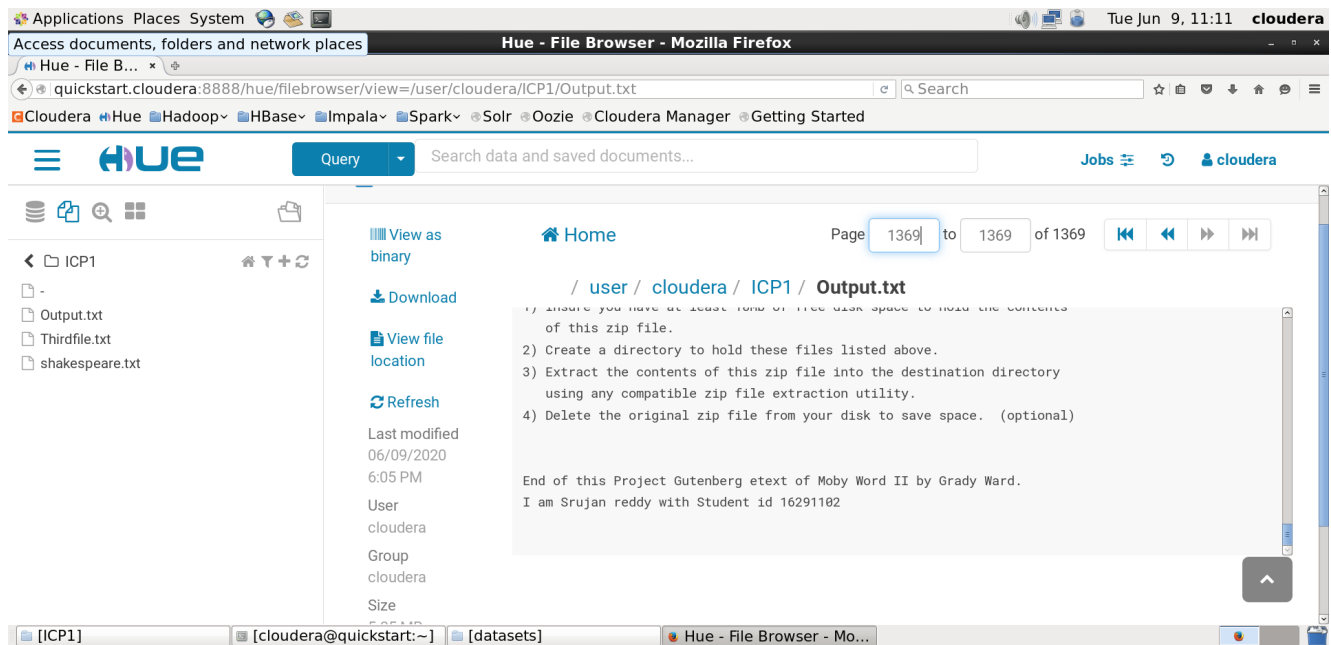
The above image shows the HUE representation of shakespeare.txt which is loaded to hadoop.



The above image shows the HUE representation of the last lines after appending.



The above image shows the third image loaded to the hadoop.



The above image shows the final result of appending all files. The last line in the above image is the data present in the third file.

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