

Big Data Application Development

Homework 3, Part 2 Answer Sheet

3. Use the REPL to explore Spark RDDs.

1) Provide the command you used to create the HDFS directory.	<code>hdfs dfs -mkdir -p loudacre/weblog</code>
2) Provide the command you used to put the file into HDFS.	<code>scp 2014-03-15.log jl11046@dumbo.hpc.nyu.edu:BDAD/hw3</code> <code>hdfs dfs -put ~/BDAD/hw3/2014-03-15.log loudacre/weblog</code>
3) Provide the command you used to view the file.	<code>hdfs dfs -cat loudacre/weblog/*</code>

4. Transform a small dataset using RDDs.

4) Initialize logfile.	<code>val logfile:String = "loudacre/weblog/2014-03-15.log"</code>
5) Create an RDD from the file.	<code>val file = sc.textFile(logfile)</code>
6) View 10 lines of the data.	<code>file.take(10).foreach(println)</code>
7) Create an RDD containing only lines that are requests for jpg files.	<code>val onlyJPG = file.filter(line => line.contains(".jpg"))</code>
8) View 10 lines of the data.	<code>onlyJPG.take(10).foreach(println)</code>
9) Chain the previous commands into a single command that counts the number of JPG requests.	<code>file.filter(line => line.contains(".jpg")).count()</code>
10) Create an RDD named lenRDD using the map function to return the length of each line of the log file.	<code>val lenRDD = file.map(line => line.length)</code>
11) Create an RDD named wordsRDD using the map and split functions to map an array of words for each line.	<code>val wordsRDD = file.map(line => line.split(" "))</code>
12) Create an RDD named ipsRDD containing only the IP addresses from each line.	<code>val ipsRDD = wordsRDD.map(list => list(0))</code>
13) Use foreach(println) to output IP addresses.	<code>ipsRDD.collect().foreach(println)</code>
14) Save the list of IP addresses to an HDFS directory named loudacre/iplist using saveAsTextFile.	<code>ipsRDD.saveAsTextFile("loudacre/iplist")</code>

4. Transform a small dataset using RDDs. (continued)

15) Provide a screenshot of the contents of the `loudacre/iplist` folder. (Paste it below.)

```
[jl11046@login-2-1 ~]$ hdfs dfs -ls loudacre/iplist
Found 3 items
-rw-r--r--+ 3 jl11046 users      0 2020-02-18 17:19 loudacre/iplist/_SUCCESS
-rw-r--r--+ 3 jl11046 users  50653 2020-02-18 17:19 loudacre/iplist/part-00000
-rw-r--r--+ 3 jl11046 users  50638 2020-02-18 17:19 loudacre/iplist/part-00001
[jl11046@login-2-1 ~]$
```

5. Transform a large dataset using RDDs.

16) Initialize logfile.	<code>val logfile:String = "loudacre/weblogs/"</code>
17) Create an RDD from the file.	<code>val file = sc.textFile(logfile)</code>
18) View 10 lines of the data.	<code>file.take(10).foreach(println)</code>
19) Create an RDD containing only lines that are requests for jpg files.	<code>val onlyJPG = file.filter(line => line.contains(".jpg"))</code>
20) View 10 lines of the data.	<code>onlyJPG.take(10).foreach(println)</code>
21) Chain the previous commands into a single command that counts the number of JPG requests.	<code>file.filter(line => line.contains(".jpg")).count()</code>
22) Create an RDD named lenRDD2 using the map function to return the length of each line of the log file.	<code>val lenRDD2 = file.map(line => line.length)</code>
23) Create an RDD named wordsRDD2 using the map and split functions to map an array of words for each line.	<code>val wordsRDD2 = file.map(line => line.split(" "))</code>
24) Create an RDD named ipsRDD2 containing only the IP addresses from each line.	<code>val ipsRDD2 = wordsRDD2.map(list => list(0))</code>
25) Use foreach(println) to output IP addresses.	<code>ipsRDD2.collect().foreach(println)</code>
26) Save the list of IP addresses to a file in an HDFS directory named loudacre/bigiplist - use saveAsTextFile.	<code>ipsRDD2.saveAsTextFile("loudacre/bigiplist/")</code>

5. Transform a large dataset using RDDs. (continued)

27) Provide a screenshot of the contents of the `loudacre/bigiplist` folder. (Paste it below.)

Found 312 items

-rw-r--r--	+	3	jll11046	users	0	2020-02-18	17:51	loudacre/bigiplist/_SUCCESS
-rw-r--r--	+	3	jll11046	users	49904	2020-02-18	17:46	loudacre/bigiplist/part-00000
-rw-r--r--	+	3	jll11046	users	49904	2020-02-18	17:46	loudacre/bigiplist/part-00001
-rw-r--r--	+	3	jll11046	users	49811	2020-02-18	17:47	loudacre/bigiplist/part-00002
-rw-r--r--	+	3	jll11046	users	50010	2020-02-18	17:46	loudacre/bigiplist/part-00003
-rw-r--r--	+	3	jll11046	users	49840	2020-02-18	17:47	loudacre/bigiplist/part-00004
-rw-r--r--	+	3	jll11046	users	49663	2020-02-18	17:47	loudacre/bigiplist/part-00005
-rw-r--r--	+	3	jll11046	users	50035	2020-02-18	17:46	loudacre/bigiplist/part-00006
-rw-r--r--	+	3	jll11046	users	49867	2020-02-18	17:46	loudacre/bigiplist/part-00007
-rw-r--r--	+	3	jll11046	users	49915	2020-02-18	17:47	loudacre/bigiplist/part-00008
-rw-r--r--	+	3	jll11046	users	49964	2020-02-18	17:47	loudacre/bigiplist/part-00009
-rw-r--r--	+	3	jll11046	users	49862	2020-02-18	17:47	loudacre/bigiplist/part-00010
-rw-r--r--	+	3	jll11046	users	50016	2020-02-18	17:47	loudacre/bigiplist/part-00011
-rw-r--r--	+	3	jll11046	users	49900	2020-02-18	17:46	loudacre/bigiplist/part-00012
-rw-r--r--	+	3	jll11046	users	49840	2020-02-18	17:47	loudacre/bigiplist/part-00013
-rw-r--r--	+	3	jll11046	users	49854	2020-02-18	17:46	loudacre/bigiplist/part-00014
-rw-r--r--	+	3	jll11046	users	49846	2020-02-18	17:46	loudacre/bigiplist/part-00015
-rw-r--r--	+	3	jll11046	users	50041	2020-02-18	17:47	loudacre/bigiplist/part-00016
-rw-r--r--	+	3	jll11046	users	49611	2020-02-18	17:47	loudacre/bigiplist/part-00017
-rw-r--r--	+	3	jll11046	users	49828	2020-02-18	17:47	loudacre/bigiplist/part-00018
-rw-r--r--	+	3	jll11046	users	49879	2020-02-18	17:46	loudacre/bigiplist/part-00019
-rw-r--r--	+	3	jll11046	users	49966	2020-02-18	17:46	loudacre/bigiplist/part-00020
-rw-r--r--	+	3	jll11046	users	49973	2020-02-18	17:47	loudacre/bigiplist/part-00021
-rw-r--r--	+	3	jll11046	users	49898	2020-02-18	17:47	loudacre/bigiplist/part-00022
-rw-r--r--	+	3	jll11046	users	49846	2020-02-18	17:47	loudacre/bigiplist/part-00023
-rw-r--r--	+	3	jll11046	users	49914	2020-02-18	17:46	loudacre/bigiplist/part-00024
-rw-r--r--	+	3	jll11046	users	49682	2020-02-18	17:47	loudacre/bigiplist/part-00025
-rw-r--r--	+	3	jll11046	users	50058	2020-02-18	17:47	loudacre/bigiplist/part-00026
-rw-r--r--	+	3	jll11046	users	49853	2020-02-18	17:47	loudacre/bigiplist/part-00027
-rw-r--r--	+	3	jll11046	users	50019	2020-02-18	17:46	loudacre/bigiplist/part-00028
-rw-r--r--	+	3	jll11046	users	49911	2020-02-18	17:47	loudacre/bigiplist/part-00029
-rw-r--r--	+	3	jll11046	users	49762	2020-02-18	17:47	loudacre/bigiplist/part-00030
-rw-r--r--	+	3	jll11046	users	49896	2020-02-18	17:47	loudacre/bigiplist/part-00031
-rw-r--r--	+	3	jll11046	users	49774	2020-02-18	17:47	loudacre/bigiplist/part-00032
-rw-r--r--	+	3	jll11046	users	50011	2020-02-18	17:46	loudacre/bigiplist/part-00033
-rw-r--r--	+	3	jll11046	users	49903	2020-02-18	17:47	loudacre/bigiplist/part-00034
-rw-r--r--	+	3	jll11046	users	49760	2020-02-18	17:46	loudacre/bigiplist/part-00035
-rw-r--r--	+	3	jll11046	users	49795	2020-02-18	17:47	loudacre/bigiplist/part-00036
-rw-r--r--	+	3	jll11046	users	49911	2020-02-18	17:46	loudacre/bigiplist/part-00037
-rw-r--r--	+	3	jll11046	users	49784	2020-02-18	17:47	loudacre/bigiplist/part-00038
-rw-r--r--	+	3	jll11046	users	49893	2020-02-18	17:47	loudacre/bigiplist/part-00039
-rw-r--r--	+	3	jll11046	users	49774	2020-02-18	17:47	loudacre/bigiplist/part-00040
-rw-r--r--	+	3	jll11046	users	49825	2020-02-18	17:47	loudacre/bigiplist/part-00041
-rw-r--r--	+	3	jll11046	users	49947	2020-02-1		

-rw-r--r--+	3	jll11046	users	49903	2020-02-18	17:46	loudacre/bigip/	part-00060
-rw-r--r--+	3	jll11046	users	49781	2020-02-18	17:47	loudacre/bigip/	part-00061
-rw-r--r--+	3	jll11046	users	49766	2020-02-18	17:46	loudacre/bigip/	part-00062
-rw-r--r--+	3	jll11046	users	49717	2020-02-18	17:47	loudacre/bigip/	part-00063
-rw-r--r--+	3	jll11046	users	49821	2020-02-18	17:47	loudacre/bigip/	part-00064
-rw-r--r--+	3	jll11046	users	49586	2020-02-18	17:46	loudacre/bigip/	part-00065
-rw-r--r--+	3	jll11046	users	49870	2020-02-18	17:47	loudacre/bigip/	part-00066
-rw-r--r--+	3	jll11046	users	49735	2020-02-18	17:47	loudacre/bigip/	part-00067
-rw-r--r--+	3	jll11046	users	49934	2020-02-18	17:46	loudacre/bigip/	part-00068
-rw-r--r--+	3	jll11046	users	49747	2020-02-18	17:47	loudacre/bigip/	part-00069
-rw-r--r--+	3	jll11046	users	49783	2020-02-18	17:47	loudacre/bigip/	part-00070
-rw-r--r--+	3	jll11046	users	50011	2020-02-18	17:46	loudacre/bigip/	part-00071
-rw-r--r--+	3	jll11046	users	49624	2020-02-18	17:47	loudacre/bigip/	part-00072
-rw-r--r--+	3	jll11046	users	49768	2020-02-18	17:46	loudacre/bigip/	part-00073
-rw-r--r--+	3	jll11046	users	49863	2020-02-18	17:46	loudacre/bigip/	part-00074
-rw-r--r--+	3	jll11046	users	49920	2020-02-18	17:46	loudacre/bigip/	part-00075
-rw-r--r--+	3	jll11046	users	49808	2020-02-18	17:46	loudacre/bigip/	part-00076
-rw-r--r--+	3	jll11046	users	49679	2020-02-18	17:47	loudacre/bigip/	part-00077
-rw-r--r--+	3	jll11046	users	49493	2020-02-18	17:47	loudacre/bigip/	part-00078
-rw-r--r--+	3	jll11046	users	49786	2020-02-18	17:47	loudacre/bigip/	part-00079
-rw-r--r--+	3	jll11046	users	49995	2020-02-18	17:47	loudacre/bigip/	part-00080
-rw-r--r--+	3	jll11046	users	49685	2020-02-18	17:46	loudacre/bigip/	part-00081
-rw-r--r--+	3	jll11046	users	49520	2020-02-18	17:46	loudacre/bigip/	part-00082
-rw-r--r--+	3	jll11046	users	49996	2020-02-18	17:46	loudacre/bigip/	part-00083
-rw-r--r--+	3	jll11046	users	49793	2020-02-18	17:47	loudacre/bigip/	part-00084
-rw-r--r--+	3	jll11046	users	49707	2020-02-18	17:46	loudacre/bigip/	part-00085
-rw-r--r--+	3	jll11046	users	49814	2020-02-18	17:46	loudacre/bigip/	part-00086
-rw-r--r--+	3	jll11046	users	49732	2020-02-18	17:46	loudacre/bigip/	part-00087
-rw-r--r--+	3	jll11046	users	49913	2020-02-18	17:47	loudacre/bigip/	part-00088
-rw-r--r--+	3	jll11046	users	49863	2020-02-18	17:46	loudacre/bigip/	part-00089
-rw-r--r--+	3	jll11046	users	49785	2020-02-18	17:46	loudacre/bigip/	part-00090
-rw-r--r--+	3	jll11046	users	49806	2020-02-18	17:46	loudacre/bigip/	part-00091
-rw-r--r--+	3	jll11046	users	49672	2020-02-18	17:47	loudacre/bigip/	part-00092
-rw-r--r--+	3	jll11046	users	49899	2020-02-18	17:46	loudacre/bigip/	part-00093
-rw-r--r--+	3	jll11046	users	49825	2020-02-18	17:48	loudacre/bigip/	part-00094
-rw-r--r--+	3	jll11046	users	49643	2020-02-18	17:46	loudacre/bigip/	part-00095
-rw-r--r--+	3	jll11046	users	49604	2020-02-18	17:48	loudacre/bigip/	part-00096
-rw-r--r--+	3	jll11046	users	49758	2020-02-18	17:48	loudacre/bigip/	part-00097
-rw-r--r--+	3	jll11046	users	49810	2020-02-18	17:48	loudacre/bigip/	part-00098
-rw-r--r--+	3	jll11046	users	49453	2020-02-18	17:48	loudacre/bigip/	part-00099
-rw-r--r--+	3	jll11046	users	49720	2020-02-18	17:48	loudacre/bigip/	part-00100
-rw-r--r--+	3	jll11046	users	49695	2020-02-18	17:46	loudacre/bigip/	part-00101
-rw-r--r--+	3	jll11046	users	49709	2020-02-18	17:48	loudacre/bigip/	part-00102
-rw-r--r--+	3	jll11046	users	49690	2020-			

-rw-r--r--+	3	jll11046	users	49811	2020-02-18	17:46	loudacre/bigip/	part-00123
-rw-r--r--+	3	jll11046	users	49844	2020-02-18	17:46	loudacre/bigip/	part-00124
-rw-r--r--+	3	jll11046	users	49925	2020-02-18	17:48	loudacre/bigip/	part-00125
-rw-r--r--+	3	jll11046	users	49626	2020-02-18	17:46	loudacre/bigip/	part-00126
-rw-r--r--+	3	jll11046	users	49853	2020-02-18	17:48	loudacre/bigip/	part-00127
-rw-r--r--+	3	jll11046	users	49807	2020-02-18	17:48	loudacre/bigip/	part-00128
-rw-r--r--+	3	jll11046	users	49818	2020-02-18	17:49	loudacre/bigip/	part-00129
-rw-r--r--+	3	jll11046	users	49927	2020-02-18	17:48	loudacre/bigip/	part-00130
-rw-r--r--+	3	jll11046	users	49757	2020-02-18	17:48	loudacre/bigip/	part-00131
-rw-r--r--+	3	jll11046	users	49907	2020-02-18	17:46	loudacre/bigip/	part-00132
-rw-r--r--+	3	jll11046	users	49896	2020-02-18	17:46	loudacre/bigip/	part-00133
-rw-r--r--+	3	jll11046	users	49779	2020-02-18	17:49	loudacre/bigip/	part-00134
-rw-r--r--+	3	jll11046	users	49732	2020-02-18	17:46	loudacre/bigip/	part-00135
-rw-r--r--+	3	jll11046	users	50154	2020-02-18	17:49	loudacre/bigip/	part-00136
-rw-r--r--+	3	jll11046	users	49987	2020-02-18	17:49	loudacre/bigip/	part-00137
-rw-r--r--+	3	jll11046	users	49718	2020-02-18	17:49	loudacre/bigip/	part-00138
-rw-r--r--+	3	jll11046	users	49668	2020-02-18	17:49	loudacre/bigip/	part-00139
-rw-r--r--+	3	jll11046	users	49865	2020-02-18	17:46	loudacre/bigip/	part-00140
-rw-r--r--+	3	jll11046	users	49657	2020-02-18	17:49	loudacre/bigip/	part-00141
-rw-r--r--+	3	jll11046	users	49971	2020-02-18	17:49	loudacre/bigip/	part-00142
-rw-r--r--+	3	jll11046	users	49723	2020-02-18	17:49	loudacre/bigip/	part-00143
-rw-r--r--+	3	jll11046	users	49768	2020-02-18	17:49	loudacre/bigip/	part-00144
-rw-r--r--+	3	jll11046	users	49808	2020-02-18	17:46	loudacre/bigip/	part-00145
-rw-r--r--+	3	jll11046	users	50063	2020-02-18	17:49	loudacre/bigip/	part-00146
-rw-r--r--+	3	jll11046	users	49947	2020-02-18	17:49	loudacre/bigip/	part-00147
-rw-r--r--+	3	jll11046	users	49985	2020-02-18	17:46	loudacre/bigip/	part-00148
-rw-r--r--+	3	jll11046	users	49886	2020-02-18	17:49	loudacre/bigip/	part-00149
-rw-r--r--+	3	jll11046	users	49954	2020-02-18	17:46	loudacre/bigip/	part-00150
-rw-r--r--+	3	jll11046	users	49956	2020-02-18	17:46	loudacre/bigip/	part-00151
-rw-r--r--+	3	jll11046	users	49923	2020-02-18	17:49	loudacre/bigip/	part-00152
-rw-r--r--+	3	jll11046	users	49838	2020-02-18	17:46	loudacre/bigip/	part-00153
-rw-r--r--+	3	jll11046	users	49732	2020-02-18	17:49	loudacre/bigip/	part-00154
-rw-r--r--+	3	jll11046	users	50010	2020-02-18	17:46	loudacre/bigip/	part-00155
-rw-r--r--+	3	jll11046	users	49747	2020-02-18	17:46	loudacre/bigip/	part-00156
-rw-r--r--+	3	jll11046	users	49859	2020-02-18	17:49	loudacre/bigip/	part-00157
-rw-r--r--+	3	jll11046	users	50138	2020-02-18	17:46	loudacre/bigip/	part-00158
-rw-r--r--+	3	jll11046	users	49584	2020-02-18	17:46	loudacre/bigip/	part-00159
-rw-r--r--+	3	jll11046	users	49823	2020-02-18	17:49	loudacre/bigip/	part-00160
-rw-r--r--+	3	jll11046	users	50023	2020-02-18	17:49	loudacre/bigip/	part-00161
-rw-r--r--+	3	jll11046	users	49862	2020-02-18	17:49	loudacre/bigip/	part-00162
-rw-r--r--+	3	jll11046	users	49725	2020-02-18	17:49	loudacre/bigip/	part-00163
-rw-r--r--+	3	jll11046	users	49813	2020-02-18	17:46	loudacre/bigip/	part-00164
-rw-r--r--+	3	jll11046	users	49698	2020-02-18	17:49	loudacre/bigip/	part-00165
-rw-r--r--+	3	jll11046	users	49949	2020-			

-rw-r--r--+	3	jll11046	users	50091	2020-02-18	17:49	loudacre/bigip/	part-00186
-rw-r--r--+	3	jll11046	users	49806	2020-02-18	17:46	loudacre/bigip/	part-00187
-rw-r--r--+	3	jll11046	users	49723	2020-02-18	17:49	loudacre/bigip/	part-00188
-rw-r--r--+	3	jll11046	users	49926	2020-02-18	17:46	loudacre/bigip/	part-00189
-rw-r--r--+	3	jll11046	users	49707	2020-02-18	17:50	loudacre/bigip/	part-00190
-rw-r--r--+	3	jll11046	users	49979	2020-02-18	17:46	loudacre/bigip/	part-00191
-rw-r--r--+	3	jll11046	users	49996	2020-02-18	17:46	loudacre/bigip/	part-00192
-rw-r--r--+	3	jll11046	users	49564	2020-02-18	17:46	loudacre/bigip/	part-00193
-rw-r--r--+	3	jll11046	users	49698	2020-02-18	17:49	loudacre/bigip/	part-00194
-rw-r--r--+	3	jll11046	users	49980	2020-02-18	17:49	loudacre/bigip/	part-00195
-rw-r--r--+	3	jll11046	users	49789	2020-02-18	17:46	loudacre/bigip/	part-00196
-rw-r--r--+	3	jll11046	users	49633	2020-02-18	17:49	loudacre/bigip/	part-00197
-rw-r--r--+	3	jll11046	users	49695	2020-02-18	17:50	loudacre/bigip/	part-00198
-rw-r--r--+	3	jll11046	users	49864	2020-02-18	17:50	loudacre/bigip/	part-00199
-rw-r--r--+	3	jll11046	users	49669	2020-02-18	17:46	loudacre/bigip/	part-00200
-rw-r--r--+	3	jll11046	users	49938	2020-02-18	17:50	loudacre/bigip/	part-00201
-rw-r--r--+	3	jll11046	users	49619	2020-02-18	17:50	loudacre/bigip/	part-00202
-rw-r--r--+	3	jll11046	users	49718	2020-02-18	17:50	loudacre/bigip/	part-00203
-rw-r--r--+	3	jll11046	users	49772	2020-02-18	17:50	loudacre/bigip/	part-00204
-rw-r--r--+	3	jll11046	users	49681	2020-02-18	17:50	loudacre/bigip/	part-00205
-rw-r--r--+	3	jll11046	users	49699	2020-02-18	17:50	loudacre/bigip/	part-00206
-rw-r--r--+	3	jll11046	users	49936	2020-02-18	17:46	loudacre/bigip/	part-00207
-rw-r--r--+	3	jll11046	users	49716	2020-02-18	17:50	loudacre/bigip/	part-00208
-rw-r--r--+	3	jll11046	users	49845	2020-02-18	17:50	loudacre/bigip/	part-00209
-rw-r--r--+	3	jll11046	users	49811	2020-02-18	17:50	loudacre/bigip/	part-00210
-rw-r--r--+	3	jll11046	users	49496	2020-02-18	17:46	loudacre/bigip/	part-00211
-rw-r--r--+	3	jll11046	users	49958	2020-02-18	17:50	loudacre/bigip/	part-00212
-rw-r--r--+	3	jll11046	users	49674	2020-02-18	17:50	loudacre/bigip/	part-00213
-rw-r--r--+	3	jll11046	users	49591	2020-02-18	17:50	loudacre/bigip/	part-00214
-rw-r--r--+	3	jll11046	users	49839	2020-02-18	17:46	loudacre/bigip/	part-00215
-rw-r--r--+	3	jll11046	users	49810	2020-02-18	17:46	loudacre/bigip/	part-00216
-rw-r--r--+	3	jll11046	users	49615	2020-02-18	17:46	loudacre/bigip/	part-00217
-rw-r--r--+	3	jll11046	users	49805	2020-02-18	17:50	loudacre/bigip/	part-00218
-rw-r--r--+	3	jll11046	users	49705	2020-02-18	17:50	loudacre/bigip/	part-00219
-rw-r--r--+	3	jll11046	users	50078	2020-02-18	17:50	loudacre/bigip/	part-00220
-rw-r--r--+	3	jll11046	users	49599	2020-02-18	17:46	loudacre/bigip/	part-00221
-rw-r--r--+	3	jll11046	users	49798	2020-02-18	17:46	loudacre/bigip/	part-00222
-rw-r--r--+	3	jll11046	users	49686	2020-02-18	17:50	loudacre/bigip/	part-00223
-rw-r--r--+	3	jll11046	users	49647	2020-02-18	17:50	loudacre/bigip/	part-00224
-rw-r--r--+	3	jll11046	users	49904	2020-02-18	17:50	loudacre/bigip/	part-00225
-rw-r--r--+	3	jll11046	users	49803	2020-02-18	17:46	loudacre/bigip/	part-00226
-rw-r--r--+	3	jll11046	users	49786	2020-02-18	17:50	loudacre/bigip/	part-00227
-rw-r--r--+	3	jll11046	users	49864	2020-02-18	17:50	loudacre/bigip/	part-00228
-rw-r--r--+	3	jll11046	users	49973	2020-			

-rw-r--r--+	3	jll11046	users	49729	2020-02-18	17:50	loudacre/bigip/	part-00249
-rw-r--r--+	3	jll11046	users	49714	2020-02-18	17:50	loudacre/bigip/	part-00250
-rw-r--r--+	3	jll11046	users	49709	2020-02-18	17:46	loudacre/bigip/	part-00251
-rw-r--r--+	3	jll11046	users	49558	2020-02-18	17:50	loudacre/bigip/	part-00252
-rw-r--r--+	3	jll11046	users	49708	2020-02-18	17:50	loudacre/bigip/	part-00253
-rw-r--r--+	3	jll11046	users	49764	2020-02-18	17:46	loudacre/bigip/	part-00254
-rw-r--r--+	3	jll11046	users	49802	2020-02-18	17:50	loudacre/bigip/	part-00255
-rw-r--r--+	3	jll11046	users	49983	2020-02-18	17:50	loudacre/bigip/	part-00256
-rw-r--r--+	3	jll11046	users	49698	2020-02-18	17:46	loudacre/bigip/	part-00257
-rw-r--r--+	3	jll11046	users	49760	2020-02-18	17:50	loudacre/bigip/	part-00258
-rw-r--r--+	3	jll11046	users	49695	2020-02-18	17:46	loudacre/bigip/	part-00259
-rw-r--r--+	3	jll11046	users	49779	2020-02-18	17:50	loudacre/bigip/	part-00260
-rw-r--r--+	3	jll11046	users	49750	2020-02-18	17:50	loudacre/bigip/	part-00261
-rw-r--r--+	3	jll11046	users	49914	2020-02-18	17:50	loudacre/bigip/	part-00262
-rw-r--r--+	3	jll11046	users	49851	2020-02-18	17:46	loudacre/bigip/	part-00263
-rw-r--r--+	3	jll11046	users	49821	2020-02-18	17:50	loudacre/bigip/	part-00264
-rw-r--r--+	3	jll11046	users	49629	2020-02-18	17:46	loudacre/bigip/	part-00265
-rw-r--r--+	3	jll11046	users	49861	2020-02-18	17:50	loudacre/bigip/	part-00266
-rw-r--r--+	3	jll11046	users	49772	2020-02-18	17:50	loudacre/bigip/	part-00267
-rw-r--r--+	3	jll11046	users	49745	2020-02-18	17:46	loudacre/bigip/	part-00268
-rw-r--r--+	3	jll11046	users	49784	2020-02-18	17:50	loudacre/bigip/	part-00269
-rw-r--r--+	3	jll11046	users	49570	2020-02-18	17:46	loudacre/bigip/	part-00270
-rw-r--r--+	3	jll11046	users	50044	2020-02-18	17:46	loudacre/bigip/	part-00271
-rw-r--r--+	3	jll11046	users	49433	2020-02-18	17:50	loudacre/bigip/	part-00272
-rw-r--r--+	3	jll11046	users	49914	2020-02-18	17:46	loudacre/bigip/	part-00273
-rw-r--r--+	3	jll11046	users	49697	2020-02-18	17:46	loudacre/bigip/	part-00274
-rw-r--r--+	3	jll11046	users	49793	2020-02-18	17:50	loudacre/bigip/	part-00275
-rw-r--r--+	3	jll11046	users	49683	2020-02-18	17:46	loudacre/bigip/	part-00276
-rw-r--r--+	3	jll11046	users	49845	2020-02-18	17:50	loudacre/bigip/	part-00277
-rw-r--r--+	3	jll11046	users	49709	2020-02-18	17:50	loudacre/bigip/	part-00278
-rw-r--r--+	3	jll11046	users	49794	2020-02-18	17:50	loudacre/bigip/	part-00279
-rw-r--r--+	3	jll11046	users	49692	2020-02-18	17:46	loudacre/bigip/	part-00280
-rw-r--r--+	3	jll11046	users	49708	2020-02-18	17:50	loudacre/bigip/	part-00281
-rw-r--r--+	3	jll11046	users	49950	2020-02-18	17:50	loudacre/bigip/	part-00282
-rw-r--r--+	3	jll11046	users	49809	2020-02-18	17:50	loudacre/bigip/	part-00283
-rw-r--r--+	3	jll11046	users	49929	2020-02-18	17:50	loudacre/bigip/	part-00284
-rw-r--r--+	3	jll11046	users	49784	2020-02-18	17:50	loudacre/bigip/	part-00285
-rw-r--r--+	3	jll11046	users	49670	2020-02-18	17:46	loudacre/bigip/	part-00286
-rw-r--r--+	3	jll11046	users	49854	2020-02-18	17:46	loudacre/bigip/	part-00287
-rw-r--r--+	3	jll11046	users	49692	2020-02-18	17:46	loudacre/bigip/	part-00288
-rw-r--r--+	3	jll11046	users	49779	2020-02-18	17:46	loudacre/bigip/	part-00289
-rw-r--r--+	3	jll11046	users	49698	2020-02-18	17:46	loudacre/bigip/	part-00290
-rw-r--r--+	3	jll11046	users	49761	2020-02-18	17:46	loudacre/bigip/	part-00291
-rw-r--r--+	3	jll11046	users	49751	2020-			