命令:

slider list

{appName} //可选项

--containers //列举app中启动的containers

--components //列举containers中对应的组件，包括HBASE\_MASTER

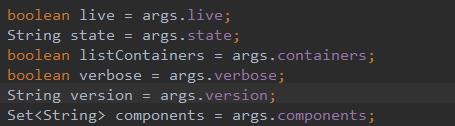
--live //列举处于Running状态的

--state //列举处于特定状态的app

--version

源码分析:

可选项对应的变量如下所示：



SliderClient#actionList

—> #sliderFileSystem#listPersistentInstances //根据slider的cluster path，获取实力化的服务

persistentInstances:Map<String,Path>

—> #listSliderInstances : instances List<ApplicationReport>

—> listSliderInstances:user => List<ApplicationReport>

—> yarnAppListClient#listInstances(user)

—> SliderUtils.buildApplicationReportMap: instances => reportMap

—> SliderUtils.instanceDetailsToString

listSliderInstances#

—> SliderYarnClientImpl#listDeployInstances

—> ClientRMService#getApplications

类分析：ApplicationReport

REST API

Description

获取Slider启动的所有集群的统计信息

URL:

http://{host:port}/slider/v1/apps/{appName}/statics?{arg}={xx}

URL Parameters:

| Name | Description | Required? |
| --- | --- | --- |
| appName | 应用名称：  注：这个容器的名字是全局唯一的 | Yes |
| arg | 以URL的参数的形式传递的值 | NO |

arg设置参考：

$slider list .......

|  |  |
| --- | --- |
| 参数 | 描述 |
| {Null} | 列举所有的app |
| --live | 列举处于RUNNING状态的App |
| --STATE {xxx} | 列举处于状态xxx的App |
| {appName} --containers | 列举指定app启动的containers |
| {appName} --containers --version | 列举指定app的特定version的containers |
| {appName} --containers --components {yyy} | 列举指定app的组件{yyy}的containers |
| --user {user} {args} | 列举某用户创建的应用或者其他信息 |

注：

State包括以下几种状态：YarnApplicationState，

NEW

NEW\_SAVING

SUBMITTED

ACCEPTED

RUNNING

FINISHED

FAILED

KILLED

Body Parameters:

| Name | Description | Required? |
| --- | --- | --- |
| accessId | Bdoc用户认证的accessId | Yes |
| accessKey | Bdoc用户认证的accesskey | Yes |
| proxyUser | Bdoc用户认证的代理用户 | Yes |

Result:

成功，则返回

list

|  |  |
| --- | --- |
| 名称 | 描述 |
| name | 集群的名称 |
| state | 集群的运行状况，RUNNING,ACCEPTED等 |
| componentsCount | 集群组件的统计，例如HMaster:1 |
| usedVores | 集群使用的总核数 |
| usedMemory | 集群使用的总内存 |
| Info:HashMap<String,String> | 集群其他信息，例如zkpath,master-status链接等 |

[root@bditest1 hbase]# slider list

hbase FINISHED application\_1457571578076\_0001

hbase2 RUNNING application\_1457577180622\_0001 http://bditest3.cmss.com:8088/proxy/application\_1457577180622\_0001/

{

"name" : "hbase",

"state" : "FINISHED",

"componentsCount" : { },

"allocatedVcores" : 0,

"allocatedMemory" : 0,

"exports" : { }

}{

"name" : "hbase2",

"state" : "RUNNING",

"componentsCount" : {

"HBASE\_REGIONSERVER" : 1,

"HBASE\_MASTER" : 1,

"slider-appmaster" : 1

},

"allocatedVcores" : 3,

"allocatedMemory" : 25312,

"exports" : {

"hbase2" : {

2016-03-10 10:43:41,243 [main] INFO util.ExitUtil - Exiting with status 0

"description" : "QuickLinks",

"updated" : 1457577798099,

"updatedTime" : "Thu Mar 10 10:43:18 CST 2016",

"entries" : {

"org.apache.slider.jmx" : [ {

"value" : "http://bditest2.cmss.com:35451/jmx",

"level" : "application",

"updatedTime" : "Thu Mar 10 10:43:18 CST 2016"

} ],

"org.apache.slider.metrics" : [ {

"value" : "http://nn:6188/ws/v1/timeline/metrics",

"level" : "application",

"updatedTime" : "Thu Mar 10 10:43:18 CST 2016"

} ],

"org.apache.slider.monitor" : [ {

"value" : "http://bditest2.cmss.com:35451/master-status",

"level" : "application",

"updatedTime" : "Thu Mar 10 10:43:18 CST 2016"

} ],

"org.apache.slider.hbase.zk-path" : [ {

"value" : "bditest1.cmss.com:/hbasetest2",

"level" : "application",

"updatedTime" : "Thu Mar 10 10:43:18 CST 2016"

} ]

},

"empty" : false

}

}

}