Title:

Expose Endpoint of App Component for users to visit

description:

After creating Apps，containers are distributed on arbitrary hosts ,also random IPC port。how can user visit the app ? One way is to get endpoint by manual (eg:netstat -anp|grep {pid})，the way is awful。

There is the need to expose useful endpoints of App to zk registry path。

eg: use slider to start a tomcat App，expose the ipc port:

[zk: localhost:2181(CONNECTED) 7]

get/registry/users/root/services/org-apache-slider/tomcat/components/container-1448969780678-0005-01-000002

{

"type" : "JSONServiceRecord",

"description" : "TOMCAT",

"external" : [ {

"api" : "server-xml.http.port",

"addressType" : "host/port",

"protocolType" : "tcp",

"addresses" : [ {

"port" : "39063",

"host" : "bdi33.cmss.com"

} ]

} ],

"internal" : [ ],

"yarn:persistence" : "container",

"yarn:id" : "container-1448969780678-0005-01-000002"

}

User can get the host/port through zk.