

Java APIs of S-Aframe

<b>Java APIs</b>	<b>Description</b>
<i>public void initNode(residenceAgentName, noShareDataLocation, mobileAgentCodeLocation)</i>	Initialization of mobile node
<i>public void addApplicationService(key, service)</i>	Register new application service to resident agent
<i>public getApplicationService(key)</i>	Execute application specific services
<i>Public void getApplicationSpecificMobileAgent(String key, String type);</i>	Initialization of mobile agent
<i>public void setNoShareDataLocation(location)</i>	Configure the location of data storage
<i>public void setAppName(String appName);</i>	Configure the ID name of mobile agents' owner application
<i>public void setOwner(String name);</i>	Configure the ID name of the node
<i>public void setMobileAgeniTakenAwayData(key, data)</i>	Store data in local node which mobile agent will take away
<i>public void execute();</i>	Executing mobile agent
<i>public void transitionService(id, target, key, owner, appName, mobileAgentType, executedList, clean, takenAway, mode, subSet)</i>	Migration service of mobile agent
<i>public String getResidentAgentName();</i>	Getting ID name of local node
<i>public String getCurrentTime();</i>	Getting current time of local node
<i>public HashMap&lt;Object, Object&gt; getAgentList();</i>	Classify the nodes
<i>public void sendBinData(String targetID, File sourceFile);</i>	Transmission of common files
<i>public void sendBinDataIndirect(String targetID, File sourceFile);</i>	Transmission of large files
<i>public void setFrameworkServiceDelay(delay), getFrameworkServiceDelay()</i>	Configure and read the delay time of mobile agent
<i>public String getLocalIPAddress()</i>	Get the IP address of local mobile device