

Práctica 1

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Ejercicio 2

Ejecución de la clase Agente:

```
$ java -classpath ./lib/jade.jar:./src jade.Boot -gui Bob:Agente
$ java -classpath ./lib/jade.jar:./src jade.Boot -gui Mary:Agente
$ java -classpath ./lib/jade.jar:./src jade.Boot -gui Peter:Agente
```

A continuación se muestran las respectivas salidas de cada ejecución, junto a lo que se muestra dentro de la interfaz gráfica:

```

$ java -classpath ./lib/jade.jar:./src jade.Boot -gui Bob:Agente

Feb 27, 2022 12:18:30 PM jade.core.Runtime beginContainer
INFO: -----
      This is JADE 4.5.0 - revision 6825 of 23-05-2017 10:06:04
      downloaded in Open Source, under LGPL restrictions,
      at http://jade.tilab.com/
      -----

Feb 27, 2022 12:18:30 PM jade.imtp.leap.LEAPIMTPManager initialize
INFO: Listening for intra-platform commands on address:
- jicp://172.17.0.1:1099

Feb 27, 2022 12:18:31 PM jade.core.BaseService init
INFO: Service jade.core.management.AgentManagement initialized
Feb 27, 2022 12:18:31 PM jade.core.BaseService init
INFO: Service jade.core.messaging.Messaging initialized
Feb 27, 2022 12:18:31 PM jade.core.BaseService init
INFO: Service jade.core.resource.ResourceManagement initialized
Feb 27, 2022 12:18:31 PM jade.core.BaseService init
INFO: Service jade.core.mobility.AgentMobility initialized
Feb 27, 2022 12:18:31 PM jade.core.BaseService init
INFO: Service jade.core.event.Notification initialized
Feb 27, 2022 12:18:31 PM jade.mtp.http.HTTPServer <init>
INFO: HTTP-MTP Using XML parser
com.sun.org.apache.xerces.internal.jaxp.SAXParserImpl$JAXPSAXParser
Feb 27, 2022 12:18:31 PM jade.core.messaging.MessagingService boot
INFO: MTP addresses:
http://precision-5520:7778/acc
Feb 27, 2022 12:18:31 PM jade.core.AgentContainerImpl joinPlatform
INFO: -----
Agent container Main-Container@172.17.0.1 is ready.
-----
Hola! Soy el AgenteMinimo Bob@172.17.0.1:1099/JADE

```

Listado 1: Primera ejecución

```

$ java -classpath ./lib/jade.jar:./src jade.Boot -gui Mary:Agente

Feb 27, 2022 12:33:30 PM jade.core.Runtime beginContainer
INFO: -----
      This is JADE 4.5.0 - revision 6825 of 23-05-2017 10:06:04
      downloaded in Open Source, under LGPL restrictions,
      at http://jade.tilab.com/
      -----
Feb 27, 2022 12:33:30 PM jade.imtp.leap.LEAPIMTPManager initialize
INFO: Listening for intra-platform commands on address:
- jicp://172.17.0.1:1099

Feb 27, 2022 12:33:31 PM jade.core.BaseService init
INFO: Service jade.core.management.AgentManagement initialized
Feb 27, 2022 12:33:31 PM jade.core.BaseService init
INFO: Service jade.core.messaging.Messaging initialized
Feb 27, 2022 12:33:31 PM jade.core.BaseService init
INFO: Service jade.core.resource.ResourceManagement initialized
Feb 27, 2022 12:33:31 PM jade.core.BaseService init
INFO: Service jade.core.mobility.AgentMobility initialized
Feb 27, 2022 12:33:31 PM jade.core.BaseService init
INFO: Service jade.core.event.Notification initialized
Feb 27, 2022 12:33:31 PM jade.mtp.http.HTTPServer <init>
INFO: HTTP-MTP Using XML parser
com.sun.org.apache.xerces.internal.jaxp.SAXParserImpl$JAXPSAXParser
Feb 27, 2022 12:33:31 PM jade.core.messaging.MessagingService boot
INFO: MTP addresses:
http://precision-5520:7778/acc
Hola! Soy el AgenteMinimo Mary@172.17.0.1:1099/JADE
Feb 27, 2022 12:33:31 PM jade.core.AgentContainerImpl joinPlatform
INFO: -----
Agent container Main-Container@172.17.0.1 is ready.

```

Listado 2: Segunda ejecución

```

$ java -classpath ./lib/jade.jar:./src jade.Boot -gui Peter:Agente

Feb 27, 2022 12:35:40 PM jade.core.Runtime beginContainer
INFO: -----
      This is JADE 4.5.0 - revision 6825 of 23-05-2017 10:06:04
      downloaded in Open Source, under LGPL restrictions,
      at http://jade.tilab.com/
      -----

Feb 27, 2022 12:35:40 PM jade.imtp.leap.LEAPIMTPManager initialize
INFO: Listening for intra-platform commands on address:
- jicp://172.17.0.1:1099

Feb 27, 2022 12:35:41 PM jade.core.BaseService init
INFO: Service jade.core.management.AgentManagement initialized
Feb 27, 2022 12:35:41 PM jade.core.BaseService init
INFO: Service jade.core.messaging.Messaging initialized
Feb 27, 2022 12:35:41 PM jade.core.BaseService init
INFO: Service jade.core.resource.ResourceManagement initialized
Feb 27, 2022 12:35:41 PM jade.core.BaseService init
INFO: Service jade.core.mobility.AgentMobility initialized
Feb 27, 2022 12:35:41 PM jade.core.BaseService init
INFO: Service jade.core.event.Notification initialized
Feb 27, 2022 12:35:41 PM jade.mtp.http.HTTPServer <init>
INFO: HTTP-MTP Using XML parser
com.sun.org.apache.xerces.internal.jaxp.SAXParserImpl$JAXPSAXParser
Feb 27, 2022 12:35:41 PM jade.core.messaging.MessagingService boot
INFO: MTP addresses:
http://precision-5520:7778/acc
Hola! Soy el AgenteMinimo Peter@172.17.0.1:1099/JADE
Feb 27, 2022 12:35:41 PM jade.core.AgentContainerImpl joinPlatform
INFO: -----
Agent container Main-Container@172.17.0.1 is ready.
      -----

```

Listado 3: Tercera ejecución

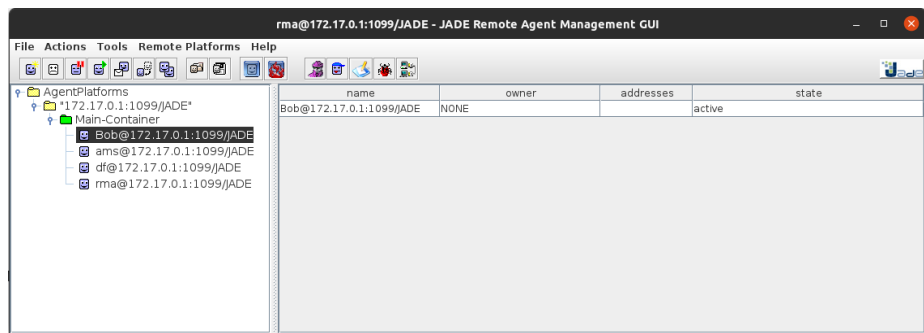


Figura 1: Agente Bob

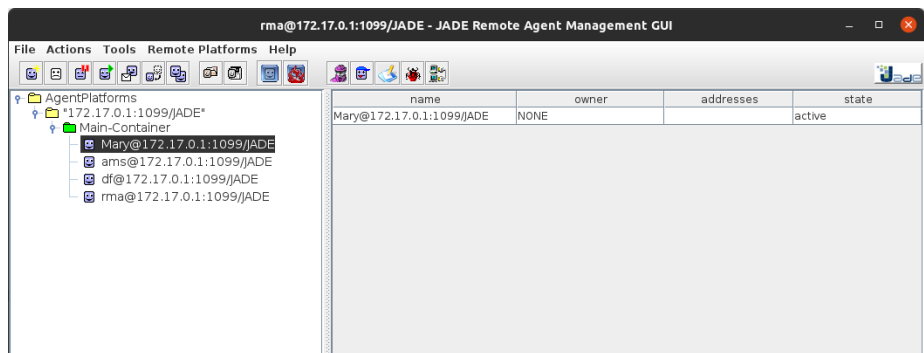


Figura 2: Agente Mary

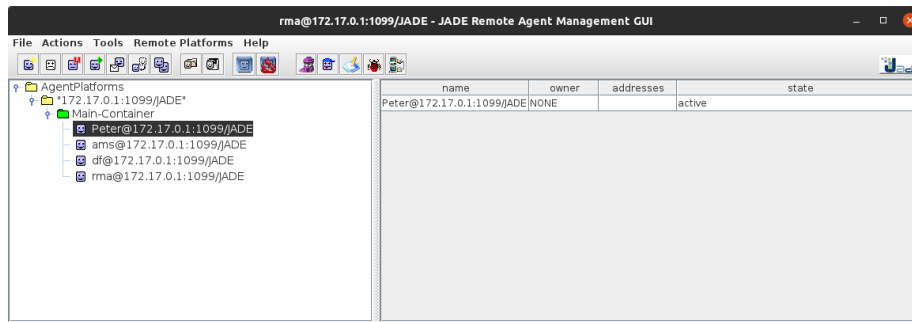


Figura 3: Agente Peter

Podemos observar de las distintas ejecuciones que el agente toma el nombre que le hemos pasado como argumento dentro del mensaje:

Hola! Soy el AgenteMinimo Peter@172.17.0.1:1099/JADE