

The fiddler Service

The Jini 1.1 release includes an implementation of the lookup discovery service called `fiddler`. This service has been modified in Jini 2.0 to be more flexible. It can be run in three modes, using either `Jeri` (the default) or `JRMP`:

- Transient
- Persistent
- Activatable (requires `phoenix` to be running)

Information about how to run `fiddler` in each mode is given in the Jini download, under `file:///usr/local/jini2_0/doc/api/com/sun/jini/fiddler/package-summary.html`.

To run `fiddler` in transient mode using `Jeri` over TCP, execute a command line such as the following:

```
java \
-Djava.security.manager= \
-Djava.security.policy=fiddler-start-transient.policy \
-jar jini_install_dir/lib/start.jar \
    config/fiddler-start-transient.config
```

where `fiddler-start-transient.policy` could be the same as `policy.all`.

The contents of `fiddler-start-transient.config` could be as follows:

```
import com.sun.jini.start.NonActivatableServiceDescriptor;
import com.sun.jini.start.ServiceDescriptor;
com.sun.jini.start {
    private static serviceCodebase =
        new String("http://myHost:8080/fiddler-dl.jar");
    private static servicePolicyFile =
        new String("example_install_dir${/}policy${/}jери-transient-fiddler.pol-
icy");
    private static serviceClasspath =
        new String("jini_install_dir${/}lib${/}fiddler.jar");
    private static serviceImplName =
        new String("com.sun.jini.fiddler.TransientFiddlerImpl");
    private static serviceConfig =
        new String("example_install_dir${/}config${/}jери-transient-fiddler.con-
fig");
    private static serviceArgsArray = new String[] { serviceConfig };
    private static nonActivatableServiceDescriptor =
        new NonActivatableServiceDescriptor(serviceCodebase,
            servicePolicyFile,
            serviceClasspath,
            serviceImplName,
            serviceArgsArray);

    static serviceDescriptors =
        new ServiceDescriptor[] { nonActivatableServiceDescriptor };
} //end com.sun.jini.start
```