

Instantiating the NIC Factory Class

The way you instantiate the NIC factory depends on the object request broker (ORB) configuration:

- If the NIC proxy uses the default ORB, call the following method in the application:

```
NicFactory nicFactory = NicFactory.getInstance();
```

This code instantiates a new NIC factory. Unless the `NicFactory.destroy` method has been called, subsequent calls to this method will return the instantiated NIC factory.

- If the NIC proxy does not use the default ORB, call the following method:

```
NicFactory.initialize(props);  
NicFactory nicFactory = NicFactory.getInstance();
```

- `props`—`java.util.Properties` object, which contains the ORB properties for the NIC proxy. For example, if the NIC proxy uses JacORB but JacORB is not the default ORB, the ORB properties are:

```
org.omg.CORBA.ORBClass=org.jacorb.orb.ORB  
org.omg.CORBA.ORBSingletonClass=org.jacorb.orb.ORBSingleton
```

This code will instantiate a new NIC factory using the specified ORB. Unless the application has called the `NicFactory.destroy` method, subsequent calls to the `getInstance()` method will return the instantiated NIC factory. However, if the application has called the `destroy()` method, it must recall the `initialize()` method before it can call the `getInstance()` method.

For information about the `NicFactory.destroy` method, see [Removing the NIC Proxies](#).

- Related Topics**
- [Passing a Reference to the Configuration Manager to the NIC Factory](#)
 - [Instantiating a Configuration Manager](#)
 - [Instantiating the NIC Proxy](#)

