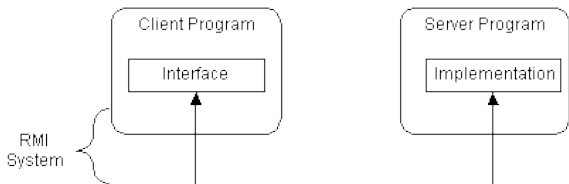
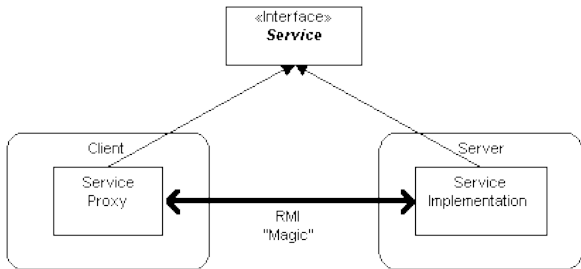


# Java RMI

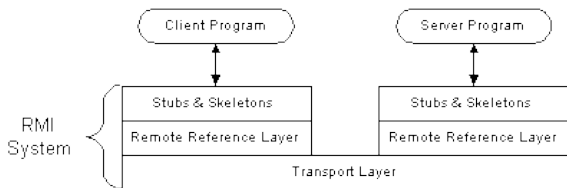
# Interfaces: The Heart of RMI



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## RMIregistry

```
rmi://<host_name> [:<name_service_port>]/<service_name>
```

default port: 1099

RMI Registry is accessed through the static class `Naming`

```
void rebind (String name, Remote obj)
```

This method is used by a server to register the identifier of a remote object by name

```
void bind (String name, Remote obj)
```

This method can alternatively be used by a server to register a remote object by name, but if the name is already bound to a remote object reference an exception is thrown.

```
void unbind (String name, Remote obj)
```

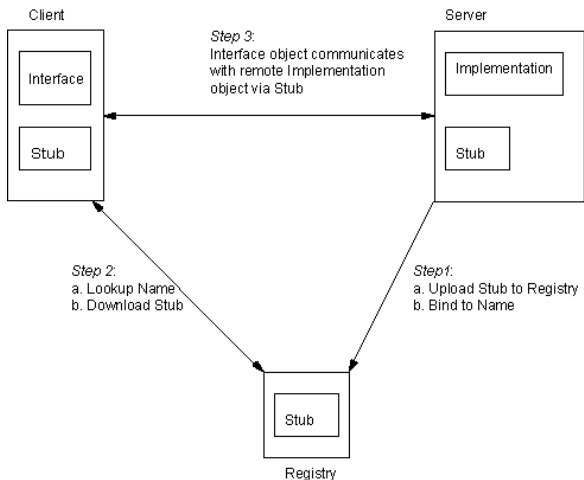
This method removes a binding.

```
Remote lookup(String name)
```

This method is used by clients to look up a remote object by name. A remote object reference is returned.

```
String [] list()
```

This method returns an array of Strings containing the names bound in the registry.



# Java RMI example: Simple remote calculator service