

Example 1

- Create a system similar to (simplified) JMX
 - an annotation e.g. `@Mgmt` for marking an interface
 - usage:
 - an interface with get methods
 - annotated `@Mgmt`
 - a class implementing the interface
 - an instance of the class registered in the “management server”
 - a class in a program
 - the management server listens on a port and receives requests
 - a communication protocol is arbitrary
 - a client uses the interface
 - use Proxy for its implementation
 - the proxy communicates with the management server

Example 1

- @Mgmt
interface MYBean {
 String getName();
 int getYear();
}
- class MYBeanImpl implements MYBean {
 ...
}
- MYServer srv = new MYServer(8080);
 srv.register(new MYBeanImpl, "mybean");
- MYBean b = MY.connect(MYBean.class, "mybean",
 "localhost", 8080);



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