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);