

# Welcome to JaxMe 2

JaxMe 2 is an open source implementation of [JAXB](#), the specification for Java/XML binding.

A Java/XML binding compiler takes as input a schema description (in most cases an XML schema but it may be a DTD, a RelaxNG schema, a Java class inspected via reflection or a database schema). The output is a set of Java classes:

- A Java bean class compatible with the schema description. (If the schema was obtained via Java reflection, then the original Java bean class.)
- An unmarshaller that converts a conforming XML document into the equivalent Java bean.
- Vice versa, a marshaller that converts the Java bean back into the original XML document.

In the case of JaxMe, the generated classes may also

- Store the Java bean into a database. Preferrably an XML database like [exist](#), [Xindice](#), or [Tamino](#), but it may also be a relational database like [MySQL](#). (If the schema is sufficiently simple. :-)
- Query the database for bean instances.
- Implement an EJB entity or session bean with the same abilities.

In other words, by simply creating a schema and running the JaxMe binding compiler,

## Running the JaxMe 2 compiler

you have automatically generated classes that implement the complete workflow of a typical web application:

## Workflow of a JaxMe 2 application