

# Binary 4 Java

## Quick Start in 5 Steps

### 1) Setup and prerequisites

- 1.1 Download or checkout cvs module b4j
- 1.2 Check you have Apache Ant and Java JDK 1.4 or higher installed
- 1.3 Set user properties (first in build.xml)

### 2) Write and validate Your Schema

- 2.1 Write sample xml document(s)
- 2.2 Write corresponding Xml Schema using basic Xml Schema syntax (see Quick Ref)
- 2.3 Validate Your Schema against Basic Xml Schema
- 2.4 Validate sample document(s) against Your Schema

### 3) Generate Encoder & Test Decoder

- 3.1 Generate encoder and test encoding on your sample document(s)
- 3.2 Generate test decoder, run it and compare result with encoding orders (see Architecture)

### 4) Write Your Decoding Actions

- 4.1 Generate annotations in Your Schema
- 4.2 Fill in annotations with semantic actions in Java

### 5) Generate Your Specific Decoder

- 5.1 Generate java decoder including Your Decoding Actions
- 5.2 Incorporate it in Your Java MIDP Project