



# Size Matters

the smallest Atom publisher in the world



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# What you need to publish an Atom feed?

Rome

Apache Abdera

Informa Library

*<your preferred library here/>*

are you sure?

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- Blogger @ java.net & dzone.com
- MsC Artificial Intelligence & academic instructor
  
- Open Source evangelist

- pearls of wisdom -

“There is no such thing like an XML without schema”

# Reviewing our options

- Plain old idea:

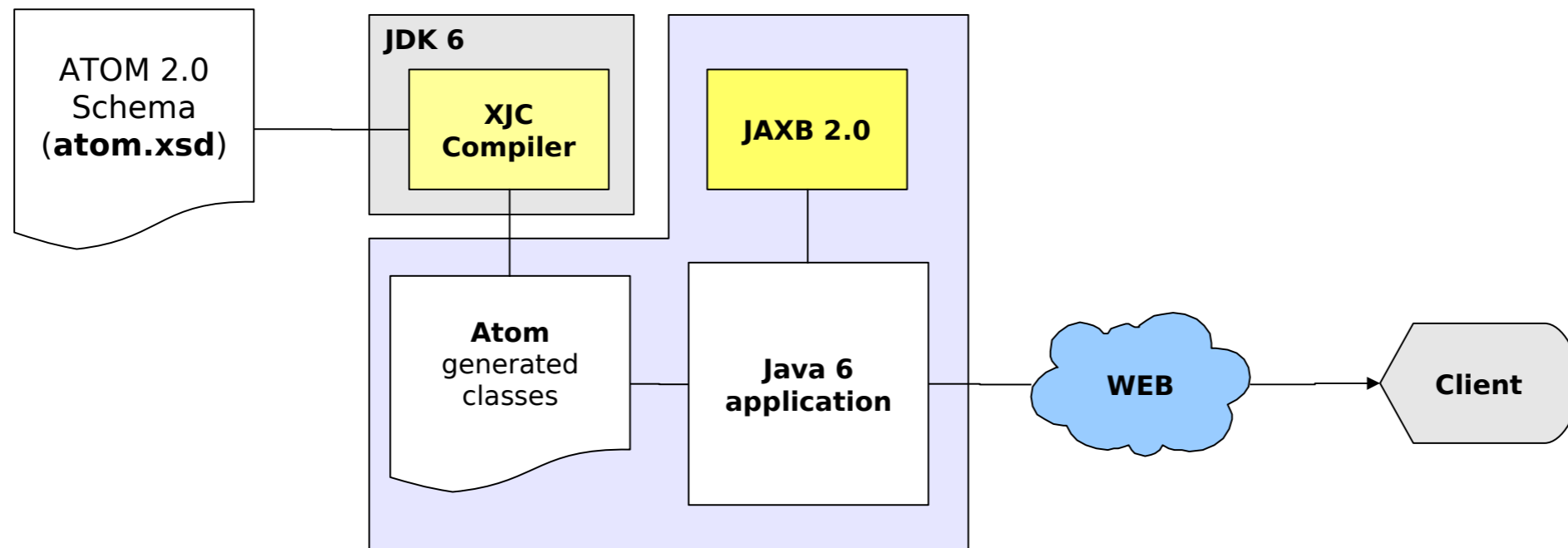
**To compile a schema into Java classes**  
and use it to read and write XML Documents.

- Tried since ever, abandoned due to:
  - The need of external XML tools and libs on Java.
  - RSS schema never stable.
  - External libraries offering quick solution.

**Mustang (JRE 6) makes it easy**

# How it works ?

- Compile the schema with XJC (JDK 6)
- Bind the compiled classes to XML with JAXB (JRE 6)



# What is new?

- Java 6 releases JAXB (available in any machine)
- RSS 2.0 has a stable schema
- JAXB evolved to a robust and easy-of-use library
  
- With better tools, the old idea makes sense:
  - Validation by the schema (robust)
  - **JRE native support** - no more classpath issues
  - Generate feeds with same quality as the frameworks
  - **Zero dependencies** on third party libraries

# DEMO

1. J2SE application
2. Grizzly demo
3. Java EE real world example

Sample projects available for download



# Thanks for your attention!

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- **ATOM 1.0:**

- **RSS 2.0:** <http://www.codeplex.com/rss2schema>

- Code Samples: