Agile Model Driven workbench
for Spring Enterprise Application Generation!!!

Building Spring Enterprise applications is now easier and faster than ever. With M2Spring™, experience the perfect combination of best of breed Model Driven technologies, MagicDraw™ UML® and BLU AGE® Agile Model Transformation, and dramatically enhance your productivity by easily modeling and automatically generating 100% of your Spring SOA applications, with advanced teamwork features.

Key UML 2 modeling features
- Promotes quick learning with intuitive interface,
- Creates diagrams faster than any tool on the market,
- Visualizes your model in a few quick steps,
- Keeps your team in the express lane by enabling them to work on the same model in parallel(1),
- Eliminates tedious document preparation with automatic report generation!
- Extends UML capabilities beyond UML 2 - in a snap,
- Enables speedy navigation through your models.

Key Spring Application generation features
- Generate turn key Spring applications
  - Spring AOP (IoC, Bean Factory, proxy...), Spring Transaction factory, Exception translator, security filter, etc,
  - Business Rules, application services and web services,
  - User Interface, user roles and security policies,
  - Business Objects, DAO implementation, DAO finder,
  - Application is packaged and ready for deployment and execution.
- Advanced Model Driven transformations
  - Transformation of user friendly models into Spring Web apps,
  - Template driven transformations,
  - Model debugging and validation,
  - Support UML Profiles definition to customize requirements
- Agile methodology
  - Add features to your business application through iterations.
- Database modeling
  - Model database tables, columns, keys, foreign keys and other complex relationships using embedded UML modeler and the inbuilt data modeling Profile,
  - Generate DDL scripts to create target database structures for leading RDBMS,
  - Model mapping from existing databases to business objects.

Key benefits
- Increase dramatically your productivity,
- Reduce your project time to market by 50%,
- Model and automatically generate 100% agile Spring SOA applications.

Get your free 30-day trial by visiting: www.model2code.com

(1) Requires optional MagicDraw TeamWork Server
How to build bug free, clean, and easy to maintain SOA Spring apps with M2Spring

EASILY MODEL AND GENERATE COMPLEX SOA SPRING APPS IN 3 STEPS

Step 1: Easily Draw a UML Model

On-diagram editing; automatic completion of Attributes, Operations, and Parameters type; Pick Lists for types and names. With features like these, you’ll find MagicDraw UML for M2Spring indispensable as you work more swiftly than ever before and since MagicDraw UML for M2Spring’s automatic UML semantics checking facilitates the creation of valid models, thanks to M2Spring integrated wizards, templates and validators, you won’t waste valuable time correcting improper UML.

Step 2: Validate your UML model

Models aim at decreasing conception errors in a significant way. They were designed for that very reason. Such a postulate can only become a reality if models are, like code, fully testable. Programmers must be able to practically set breakpoints, step-by-step execution, objects and variable introspection, etc.

M2Spring tools ensure that a model representing a business application is validated according to a canonical format, before proceeding onto generating this application.

Step 3: Instantly generate 100% of SOA Spring app

Model Driven spring code generation provides everlasting benefits for spring developers, these benefits apply to applications development and maintenance.

In addition, the applications generation drastically enhances productivity since M2Spring generates automatically all Spring application’s components, i.e. GUI, Service layer and Database Structure with Associated Services.

Supported architecture

- **Presentation Layer**: Struts v1.2,
- **Service Layer**: SPRING v2.5.6,
- **Persistence Layer**: Hibernate v3.2.5,
- **Application Servers**: Tomcat 5.x, IBM WAS 6.x, Weblogic 9.x/10.x, JBOSS 4.x,
- **DBMS**: Oracle 9.i/10.g, SQL Server 2000/2005, My SQL, PostregSQL, DB2 UDB.

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