



# SpringSource Tool Suite 2.1

- Feature Comparison -

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# FEATURE COMPARISON

	Spring IDE	SpringSource dm Server Tools	SpringSource Tool Suite
<b>Version</b>	2.2.5.RC1	2.0.0.M6	2.1.0.RC1
<b>License</b>	EPL v1.0	EPL v1.0	Free Commercial License

## Spring Core

### Structure Model

- Support for Spring Portfolio Namespaces	•		•
- Extensible for custom XSD namespaces	•		•
- Autowiring Support	•		•
- Component Scanning	•		•
- Refactoring Support	•		•
- Stereotype Detection			•
- Spring Configuration Auto-Detection			•
- Support for Spring 3.0 @Configuration and @Bean configuration style			•

### Editing

- Graphical Spring Configuration Editor			•
- Content Assist	•		•
- Hyperlinking	•		•
- Hover Information	•		•
- Spring Project Wizard	•		•
- New Spring XML file wizard	•		•
- Spring Bean Wizard			•
- Spring Project Jumpstart for Spring Batch, Faces, MVC, Web Flow, OSGi Bundle and PAR projects			•
- XML Namespace selection dialog			•
- Quick Fixes for common errors			•
- Graphical Spring Batch Editor			•

### Validation

- Comprehensive validation of Spring Application Blueprints (on save)	•		•
- Validation as-you-type incl. Quick Assist for common errors			•
- Best-Practice Validation			•

### Navigation

- Spring Explorer Integration	•		•
- Eclipse Project Explorer Content Contribution	•		•
- Spring Bean Dependency Graph	•		•
- Searching for Spring Artifacts	•		•
- Stereotype Grouping (@Service, @RequestMapping,...)			•

## Spring AOP

### Structure Model

- Cross Cutting Reference Model	•		•
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### Validation

- Pointcut Expression Validation	•		•
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### Navigation

# SPRINGSOURCE TOOL SUITE 2.1.0.RC1 – FEATURE COMPARISON

	Spring IDE	SpringSource dm Server Tools	SpringSource Tool Suite
- Visualization for Cross Cutting References	•		•
- Bean Cross References View	•		•
<b>Spring Web Flow</b>			
<i>Editing</i>			
- Graphical Editor for flow definition files	•		•
- Content Assist	•		•
- Hyperlinking	•		•
- Hover Information	•		•
- Spring Web Flow file wizard	•		•
<i>Validation</i>			
- Validation of flow definition files	•		•
<i>Navigation</i>			
- Spring Explorer Integration	•		•
- Eclipse Project Explorer Content Contribution	•		•
<b>OSGi Support</b>			
<i>Structure Model</i>			
- Manifest Model		•	•
- Classpath Management based on OSGi meta data		•	•
- Automatic refresh/redeploy of bundle/par based on user changes		•	•
<i>Editing</i>			
- Content Assist in Manifest files		•	•
- Automatic Generation of Manifest dependency meta data		•	•
- Hyperlinking in Manifest files		•	•
- Bundle Project Wizard		•	•
- PAR Project Wizard		•	•
- PAR and Bundle Project Export		•	•
- Quick Fixes for common errors		•	•
- Manifest Generation based on Bundlor		•	•
<i>Validation</i>			
- Validation of Manifest files		•	•
- Best Practice Validation			•
<i>Navigation</i>			
- SpringSource Enterprise Bundle Repository Browser		•	•
- OSGi Bundle Overview			•
- OSGi Bundle Dependency Graph			•
- OSGi Server Console			•
<b>Spring Roo</b>			
- New Roo Project Wizard			•
- Roo Shell Integration (incl. content assist and Eclipse-specific commands)			•

# SPRINGSOURCE TOOL SUITE 2.1.0.RC1 – FEATURE COMPARISON

	Spring IDE	SpringSource dm Server Tools	SpringSource Tool Suite
<b>Runtime Support</b>			
<i>SpringSource dm Server</i>			
- Start/Stop/Debug		•	•
- Deploy OSGi bundles, PARs and JEE WARs		•	•
- Transparent refresh/re-deploy on user changes		•	•
- Configuration Support		•	•
- Log File Tailing		•	•
<i>SpringSource tc Server</i>			
- Start/Stop/Debug			•
- Deploy JEE WARs			•
- Transparent refresh/re-deploy on user changes			•
- Management and Deployment to remote groups and single instances of tc Server			•
<b>User Assistance</b>			
- Integrated Documentation	•	•	•
- Dashboard			•
- Runtime Error Analysis			•
- Task-Focused Tutorials			•
<b>Virtualization Support and Cloud Deployment</b>			
- Amazon EC2 support for dm and tc Server			•
- VMware Lab Manager integration and application deployment			•
<b>Integration</b>			
- Eclipse Mylyn	•		•
- Eclipse AJDT	•		•
- PMD			•
- EclEmma			•
- m2eclipse			•
<b>Support</b>			
- Fully tested IDE package			•
- Support Incidents			•
- Extension Package			•
- Eclipse 3.4	•	•	•
- Eclipse 3.5	•	•	•
- Tasktop Certified			•