

Borland® Together® technologies

Borland® Together® technologies provide a comprehensive range of modeling and design solutions to support the specific needs of architects, analysts, and developers. Several product editions are available:

For Analysts:

- Together Designer 2005, for JBuilder® 2005
- Together Designer 2005, for Microsoft® Visual Studio® .NET 2003
- Together 7.0, Edition for Eclipse
- Together Solo

For Architects:

- Together Architect
- Together 7.0, Edition for Eclipse

For Developers:

- Together Developer 2005, for JBuilder 2005
- Together Developer 2005, for Microsoft Visual Studio .NET 2003
- Together 7.0, Edition for Eclipse
- Together Edition for C++BuilderX™

Feature Matrix

DESIGNER JBUILDER DESIGNER VISUAL STUDIO SOLO ECLIPSE

Analyst products

General modeling				
	DESIGNER JBUILDER	DESIGNER VISUAL STUDIO	SOLO	ECLIPSE
Traceability via element-to-element, and element-to-artifact hyperlinking	✓	✓	✓	✓
Automatic diagram layout	✓	✓	✓	✓
Advanced diagram layout algorithms	✓	✓		✓
Advanced layout options (align top, left, right, center, etc.)	✓	✓		✓
Configurable diagram detail level and filtering	✓	✓	✓	✓
Model navigator	✓	✓	✓	✓
Diagram navigator	✓		✓	
Model differencing	✓			
Sample modeling project	✓	✓	✓	✓



	DESIGNER JBUILDER	DESIGNER VISUAL STUDIO	SOLO	ECLIPSE
Unified Modeling Language™ (UML®) modeling				
Language-neutral UML 1.5 diagramming:				
Use case	✓	✓	✓	✓
Activity	✓	✓	✓	✓
State chart	✓	✓	✓	✓
Component	✓	✓	✓	✓
Deployment	✓	✓	✓	✓
Class	✓	✓	✓	✓
Sequence	✓	✓	✓	✓
Collaboration	✓	✓	✓	✓
Language-neutral UML 2.0 diagramming:				
Class	✓	✓		
Use case	✓	✓		
Activity	✓	✓		
Component	✓	✓		
Composite structure	✓	✓		
Communication	✓	✓		
State machine	✓	✓		
Sequence	✓	✓		
Deployment	✓	✓		
UML 2.0 tutorial project	✓	✓		
Advanced modeling				
Precision specifications expressed in Object Constraint Language (OCL)	✓	✓		
Import and export models using XMI® for UML	✓	✓	✓	✓
Import models from Rational Rose®	✓	✓	✓ ¹	✓

¹ Rose *.mdl import utility is available as a standalone item.

Borland® Together® technologies Feature Matrix

	DESIGNER JBUILDER	DESIGNER VISUAL STUDIO	SOLO	ECLIPSE
Profiles support:				
Color modeling	✓	✓	✓ ²	✓
Business process	✓	✓	✓ ²	✓
Software Development Process	✓	✓		✓
Logical ER diagramming	✓			
Create custom diagrams			✓	
Documentation generation				
HTML portal documentation generation with navigation applet, hyperlinked diagrams, and Javadoc-style model/code report.	✓	✓	✓	✓
Template designer for customized documentation in formats including HTML, RTF, TXT, and PDF	✓			
Diagram layout for printing	✓	✓	✓	✓
Automate documentation generation with command line option	✓		✓	
Image file creation from diagrams, in multiple formats (e.g., svg, bmp, gif)	✓	✓	✓	✓
Teamwork				
Share diagrams and model fragments between projects	✓	✓	✓	✓
Version control models at diagram, package, or element level using standard SCM system	✓	✓	✓	✓
SCM functionality integrated into modeling environment	✓	✓	✓	✓
Requirements integration				
Borland® CaliberRM™				
Trace model elements to/from requirements	✓	✓	✓	✓
Generate use case diagram from requirements hierarchy	✓	✓		✓
Generate requirements hierarchy from use case diagram	✓	✓		✓
Generate report that combines model and requirement information from CaliberRM	✓	✓		
Telelogic® DOORS®			✓	
Rational® RequisitePro®	✓		✓	

² Color modeling and business process diagram is available as a proprietary profile, though not as a UML profile.

Architect products

UML modeling		
Full language-neutral UML 1.5 diagramming	✓	
UML modeling with LiveSource™		
LiveSource™ simultaneous roundtrip engineering between source and class diagrams	✓	✓
Generate source code, including control statements, from sequence diagram	✓	✓
Reverse-engineer existing operation source code into a sequence diagram with extensive control over depth and details	✓	✓
Model using UML 1.5 diagrams not linked to source code (e.g., use case, activity, etc.)	✓	✓
Extensive dependency analysis (deep parsing capabilities)	✓	✓
Multilanguage support		
Java™ (Java 2)	✓	✓
Java (J2SE™ 5)	✓	
Java (J2EE™)	✓	
C++	✓	
C#	✓	
Microsoft® Visual Basic® .NET (VB.NET)	✓	
CORBA® IDL	✓	
Advanced modeling		
J2EE modeling and deployment of archives (ear, ejb, war, etc.)	✓	
Web Services modeling with WSDL generation	✓	
Physical ER diagramming with reverse-engineering and DDL generation	✓	
Robustness, real-time, and custom diagramming	✓	
Visual XML modeling with XML Structure diagram featuring DTD import/export and XML Editor	✓	
Profiles support:		
Color modeling	✓ ³	✓
Business process	✓ ³	✓
Software Development Process		✓

³ Color modeling and business process diagram available as a proprietary profile, though not as a UML profile.

Documentation generation		
HTML portal documentation generation with navigation applet, hyperlinked diagrams, and Javadoc-style model/code report.	✓	✓
Template designer for customized documentation in a variety of formats, including: HTML, RTF, TXT, and PDF	✓	
Diagram layout for printing	✓	✓
Automate documentation generation with command-line option	✓	
Image file creation from diagrams, in multiple graphic formats (e.g., svg, bmp, gif, wmf)	✓	✓
Design patterns		
Gang of Four pattern support	✓	✓
Design pattern recognition technology		✓
J2EE design patterns	✓	
Customizable pattern templates	✓	✓
Create custom patterns	✓	
Quality assurance metrics		
Object-oriented metrics for quantitative analysis of design characteristics	✓	✓
Custom metrics	✓	
Metric reporting with history and graphic display	✓	✓
Quality assurance audits		
Language-specific audits to detect deviation from established best practices and coding standards	✓	✓
Custom audits	✓	✓
Audit reporting with navigable links to the lines of source code that fail the audit	✓	✓
Other features		
Open API for extensive customizations	✓	
Teamwork		
Share diagrams and model fragments between projects	✓	✓
Version control models at diagram, package, or element level using standard SCM system	✓	✓
SCM functionality integrated into modeling environment	✓	✓

Requirements integration

Requirements integration		
Borland CaliberRM™		
Trace model elements to/from requirements	✓	✓
Generate use-case diagram from requirements hierarchy	✓	✓
Generate requirements hierarchy from use-case diagram	✓	✓
Telelogic® DOORS®	✓	
Rational® RequisitePro®	✓	

Developer products

UML modeling with LiveSource

LiveSource simultaneous roundtrip engineering between source and class diagrams	✓	✓	✓	✓
Generate source code, including control statements, from sequence diagram	✓	✓	✓	✓
Reverse-engineer existing operation source code into a sequence diagram with extensive control over depth and details	✓	✓	✓	✓
Model using UML 1.5 diagrams not linked to source code (e.g., use case, activity, etc.)		✓	✓	✓
Extensive dependency analysis (deep parsing capabilities)	✓			✓
Language support:				
Java (Java 2)	✓			✓
Java (J2SE 5)	✓			
Java (J2EE)	✓			
C++		✓		
C#			✓	
Microsoft® Visual Basic® .NET (VB.NET)			✓	
CORBA IDL		✓		

Advanced modeling

Precision specifications expressed in Object Constraint Language (OCL)	✓			
Refactoring support through model	✓	✓	✓	✓
Model differencing	✓		✓	✓

Documentation generation

HTML portal documentation generation with navigation applet, hyperlinked diagrams, and Javadoc-style model/code report.	✓	✓	✓	✓
Image file creation from diagrams, in multiple formats (e.g., svg, bmp, gif)	✓	✓	✓	✓

Design patterns

Gang of Four pattern support	✓	✓	✓	✓
Design pattern recognition technology	✓			✓
J2EE design patterns	✓			
Customizable pattern templates	✓	✓	✓	✓
Customizable patterns with API		✓		

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	DEVELOPER JBUILDER	C++ BUILDER®	DEVELOPER VISUAL STUDIO	ECLIPSE
Quality assurance metrics				
Object-oriented metrics to identify refactorings	✓	✓	✓	✓
Custom metrics	✓	✓		
Metric reporting	✓	✓	✓	✓
Quality assurance audits				
Language-specific audits to detect deviation from established best practices and coding standards	✓	✓	✓	✓
Custom audits	✓	✓		✓
Audit reporting	✓		✓	✓
Integrations				
SCM diagram versioning through underlying platform	✓	✓	✓	✓
Apache™ Ant	✓		✓	✓

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