Micro Focus® Together® modeling technologies enable software delivery teams to create applications that truly meet business needs. Using its capabilities, teams can analyze, design and implement flexible, adaptable and maintainable software architectures.

Key Benefits

Performance Enhancement
Users can now benefit from the flexibility of selecting partial loads of large model files.

Accelerate the Analysis, Design and Development of Enterprise Applications
Whatever the business need, whether creating an app or extracting design information from existing systems, Together gives users the overview needed to make business-critical decisions. It integrates with leading requirements definition and management solutions, enabling direct access, reuse and traceability to ensure that software delivery teams meet customer expectations.

Modeling Solutions for Business Analysts, System Analysts, Architects and Developers
Together technologies meet specific modeling needs across all roles within a software delivery team, enabling them to collaborate effectively and build high-quality applications in less time.

Teams working on new or existing business processes, analysis, design and architecture benefit from enhanced communication and reduced risk of project delay.

DSLS Improve Agility and Cut Maintenance Costs
Models provide a blueprint for business process, application and enterprise architectures, as well as data structures. These models are essential for project team communication and assuring architectural soundness. Visualization of models helps organizations deal with complexity by improving comprehension, communication and documentation value. As the complexity of applications and business processes increases, so does the importance of good modeling techniques in assuring correctness, quality and long-term maintainability.

Business process optimization, application design and generative techniques are critical in lowering the overall TCO for IT organizations.

System Requirements

Supported Platforms
• Microsoft Windows 10
• Microsoft Windows Vista
• Microsoft Windows XP Pro SP3
• Microsoft Windows 7 (32/64-bit)
• Microsoft Windows 8
• Red Hat Linux 5, 6 (32/64-bit)

Java Support—Latest Versions
• Currently at: J2SE 8.0 update 74

Features
• Safenet
• Eclipse 4.6.1
• Caliber 11 integration
• Confirmed bug fixes
• Improved traceability for model diagrams (element)
• Documentation updates
Enabling models that define Domain-specific Languages (DSLs) are increasingly important—they provide a blueprint in the context of a business. DSLs can be augmented with visualization, model-driven Integration, transformation and generation capabilities to provide business-centric value. This removes the overall modeling complexity, enabling teams to develop models within their own business domain for optimal communication and efficiency.

How Design Patterns Improve Project Success
Together technologies equip software development teams with the means to create and reuse proven industry-standard design patterns to ensure higher-quality applications and promote the use of successful blueprints. Teams work more efficiently by reducing rework caused by design errors later in the development lifecycle.

Platform-Independent Modeling
Together technologies give organizations the flexibility to create platform-neutral designs that target multiple platforms. Support for a wide range of programming languages is available, enabling architects to transform these designs into platform-specific models.

Support for Industry Standards
Together technologies conform to MDA standards including:

- Unified Modeling Language™ (UML®), XML Metadata Interchange (XMI®), Query/Views/Transformations (QVT) and Object Constraint Language (OCL). Borland is influencing Model Driven Architecture® (MDA®), specifically QVT, by contributing breakthrough model transformation technology.

Today, this technology enables architects to transform any kind of Eclipse™ Modeling Framework (EMF)-based model into another model. For example: CIM to PIM, PIM to PSM, and vice-versa.

Figure 1. Together technologies provide leading-edge design capabilities that enable the visualization of IT architectures.

Efficiencies throughout Development
Automation and time-saving capabilities increase team productivity. Essential capabilities include automatic document generation, reuse of software assets—such as patterns and component definition, rapid propagation of changes through refactoring, and unique LiveSource technology. This technology enables models and code to stay synchronized.

Key Features

**UML Modeling**
- Language-neutral UML 1.4 and UML 2.0 diagramming
- Enables LiveSource for Java®/C++/CORBA® IDL
- Model differencing and model merging
- Multi-language support

**Data Modeling**
- Logical data modeling using UML 2.0 Profile for Data Modeling
- Physical data modeling using ER and IDEF1x diagrams
- Forward and reverse engineering for leading DBMS
- (Oracle®, DB2, Sybase®, MS® SQL Server®)
- Logical-to-physical data model transformation

**Advanced Modeling and MDA**
- Object Constraint Language (OCL) 2.0 support including syntax highlighting, validating, and code sense
- QVT for model-to-model transformations (OMG)
■ Model-to-text transformations with xPand, JET, and EMF API
■ Code generators for Java, J2EE®, C++, and C#
■ UML profile construction, application and deployment as Eclipse plug-in
■ Design patterns, including Gang of Four pattern support
■ Source code design pattern recognition
■ Code template design and reuse
■ XMI 2.0 model import and export
■ Rose and XDE Model Import

**Domain-Specific Language (DSL) Toolkit**
■ Visual modeling for domain-specific meta models
■ Wizard-supported creation of DSL solutions, including diagram editors model transformations, code generators, and BIRT reports as Eclipse features
■ GMF-based UML 2.1 diagrams

**Business Process Modeling**
■ BPMN with validation checking
■ Import/export of BPEL for Web Services (BPEL4WS)

**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
■ Template designer for customized documentation, diagram layout for printing, automatic document generation with command-line option

**Quality Assurance**
■ Code audits and metrics
■ OCL-based model audits and metrics

**Team**
■ Teamwork: Share diagrams and models between projects with version control
■ Borland StarTeam® integration
■ Generate use case diagrams from requirements, and trace model elements to/from requirements using Caliber™

**Platform**
■ Eclipse 4.6.1