

TIBCO Business Studio

BPM ENVIRONMENT BENEFITS

BUSINESS EMPOWERMENT

Business experts own, model, and manage their business process assets.

IMPROVED PROCESS MANAGEMENT

Visually defined process models enable users to better understand business processes, execute them accurately, and optimize these processes as improvements are identified.

ENHANCED COLLABORATION

Business experts and process authors can work collaboratively together to ensure that processes developed reflect actual business needs and reduce the time and effort to develop them.

RAPID PROCESS DEVELOPMENT

Model-driven approach (no coding) simplifies process development allowing a fast, iterative approach that delivers rapid time to market.

BETTER PROCESSES

Simulation capabilities allow processes to be validated, bottlenecks to be identified, and optimizations to be implemented.

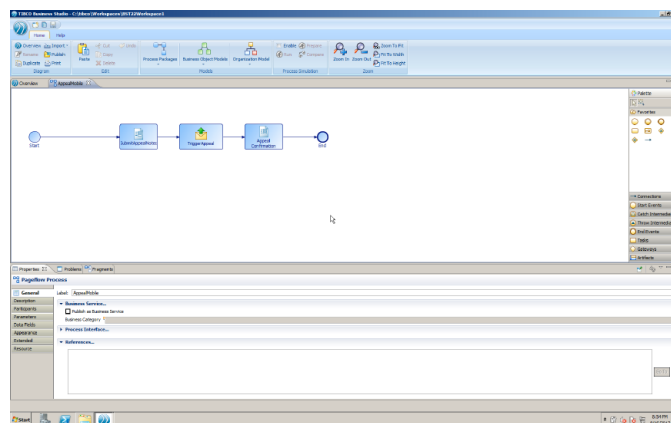
AT A GLANCE

TIBCO Business Studio™ is a standards-based business process modeling environment that enables business experts and process authors to collaborate to create process models, organization models, data models, forms and pageflow models for deployment to TIBCO ActiveMatrix® BPM. It is also the common Eclipse-based environment for building composite applications across the entire ActiveMatrix family, including business process management (BPM) and service-oriented architecture (SOA) applications.

THE CASE FOR A BUSINESS PROCESS MANAGEMENT ENVIRONMENT

Business processes define how an enterprise operates and differentiates itself. Increased globalization, greater competition, and stricter regulation drive the need to not only optimize processes for operational efficiency, but also make them more intelligent. Competitive advantage lies in the ability to adapt business processes to changing conditions quickly and efficiently. End-to-end process visibility and understanding are key to process innovation.

TIBCO Business Studio enables business experts to rapidly model business processes, user interface forms and pageflows, business objects (data definitions), and organizational structures in the business user friendly Business Studio for Analysts. Process models can also be simulated in Business Studio to understand potential resourcing or process changes and their impact on the business. A more technical design environment is also available; TIBCO Business Studio for Designers is used to add implementation details, web service calls, and deploy process packages to TIBCO ActiveMatrix® BPM.

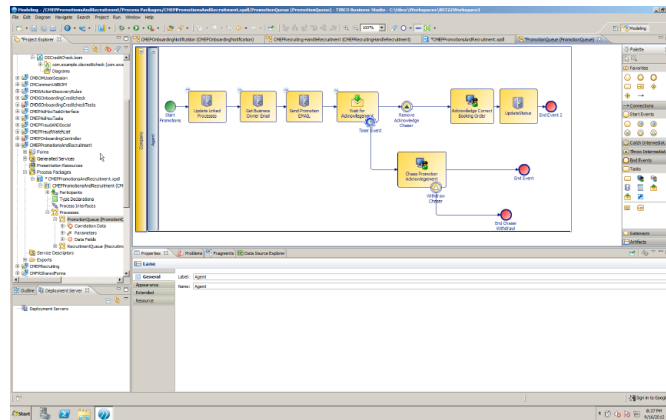


Business Studio for Analysts

MODEL-DRIVEN BPM

The model-driven approach to implementing business processes simplifies process modeling and development with virtually no coding. It allows teams of business experts and process developers to focus on building out processes that meet business requirements using a fast, iterative, and collaborative approach where process specifics are embodied in the model and not in external code.

TIBCO Business Studio is available as a free download for use as a standalone process modeling tool: <http://tap.tibco.com>



Business Studio for Designers

ATTRIBUTES AND CAPABILITIES

PROCESS MODELING

The system enables standards-based process modeling using Business Process Model and Notation (BPMN), with process definitions persisted and exchanged using XPD. An extensible BPMN fragment library supports reusable best practices, and there is built-in support for process patterns for common interactions between processes and people. Processes can be debugged and emulated from within the modeling environment. TIBCO also includes industry standard process models such as SCOR, DCOR, HR-XML, and PRINCE2.

DATA MODELING

Business data is modeled using UML, allowing users to define a vocabulary of core business objects. This abstracts business data from process models, encouraging data model re-use across processes. Data models can be generated from the Web Services Definition Language (WSDL) of existing services or generate WSDLs to drive service implementations.

ORGANIZATION MODELING

The structure of an organization is a key aspect in the behavior of business processes and how people perform work. Business analysts can visually model the organizational structure, attributes, and relationships that underpin processes, as well as applicable resource capabilities and privileges. On deployment, the organizational model is mapped to a corporate directory; this mapping can be dynamically changed at runtime allowing work distribution to be optimized without impacting process models.

AUTOMATIC PROCESS DOCUMENTATION

Business Studio can automatically create fully interactive html process documentation, allowing the business to keep records of all processes and changes to processes over time.

PAGEFLOW MODELING

Forms can be orchestrated into multi-screen page flows that are lightweight user interaction processes capable of seamlessly invoking services. Pageflows and forms can be displayed in any of the out-of-the-box clients or easily used in a variety of custom portals and clients.

PATTERNS

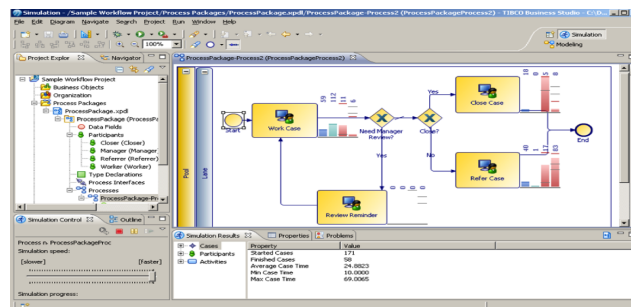
Built-in, model-driven support for control, resource, and data workflow patterns, eliminates the need for complex, brittle custom coding or rules – see www.workflowpatterns.com. This feature gives the process designer the ability to implement a separation of duties pattern (a.k.a. maker-checker or 4-eyes) with just a couple of clicks and absolutely no code.

PROCESS TESTING

Processes are easily emulated and debugged from within the Eclipse-based environment before being deployed.

SIMULATION

Run simulations based on real data or sample data to validate processes and identify details such as costs, times, bottlenecks, or underutilized resources. Properties such as cost, time, or resources can be associated with each process participant and activity. Built-in reporting enables users to generate reports on these details or compare different processes to assess the impact of any change.



Simulation

SUPPORTED PLATFORMS AND STANDARDS

OPERATING SYSTEM

- Apple Mac OS X
 - 10.8.x 64-bit on x86-64
- CentOS
 - 5.9, 5.x, 6.4, 6.x 64-bit on x86-64
- HP HP-UX
 - 11i v3 (B.11.31) 64-bit on Itanium*
- IBM AIX
 - 6.1, 7.1 64-bit on pSeries*
- Microsoft Windows
 - 7 32-bit on x86
 - 7, 8 64-bit on x86-64
- Microsoft Windows Server
 - 2008 R2, 2008 SP2, 2012 64-bit on x86-64
 - 2008 SP2 32-bit on x86
- Novell SUSE Linux Enterprise Server
 - 10.x, 11.x 64-bit on x86-64
- Oracle Enterprise Linux
 - 5.9, 5.x, 6.4, 6.x 64-bit on x86-64
- Oracle Solaris
 - 11 64-bit on SPARC*
 - 11 64-bit on x86-64*
- Red Hat Enterprise Linux Server
 - 5.x, 6.x 64-bit on x86-64
- Sun Solaris
 - 10 64-bit on SPARC*
 - 10 64-bit on x86-64*

JAVA RUNTIME

- JRE 1.7.x

STANDARDS

- BPMN
- XPD L
- UML

LANGUAGE LOCALIZATIONS

- English
- French
- German
- Portuguese

*This platform is only supported for the command line interface (headless) variant.



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