DBmaestro TeamWork

DBmaestro TeamWork™ is a DevOps for Database solution that enables Agile Database Development, Continuous Integration and Delivery for the Database. With DBmaestro, organizations can facilitate DevOps for Database by enforcing best practices in database version control and impact analysis based deployment automation, thus reducing the deployment timeframe of database projects from weeks to days, and freeing up expensive technical resources from mundane and time consuming tasks. DBmaestro Teamwork guarantees integrity, quality, compliance and confidence in the database code.

Dev:

Streamlined Development Process Management

DBmaestro TeamWork is an innovative change management platform designed specifically for the database world. It offers unique and comprehensive development support, enabling organizations to extend change policy enforcement to database development and administration functions throughout all phases of the project life cycle. With DBmaestro TeamWork, development organizations will improve application quality and accelerate time to value while reducing total cost of ownership.

Database Change Policy Enforcement

DBmaestro TeamWork is the only solution that actually enforces version control best practices and change policy for database development. It validates database changes against schemas and relevant content, while preventing unauthorized and out of process changes. This ensures that all changes are properly logged and linked to actual business requirements.

Agile Team Collaboration

Working in Agile means short iterations (sprints) that include development and testing. A solid, effective automation process is essential, along with the right tools for testing and building applications. DBmaestro TeamWork enforces documentation of changes to database artifacts; eliminates out-of-process updates to database structure, code or content; and automates deployments based on user stories and business activities.

Database Continuous Delivery

DBmaestro TeamWork facilitates the automation of database branches and merges, as well as the consolidation of changes into an integration environment. It also safely deploys changes to production, with a fully automated, bullet-proof deployment process.

Support for Sandbox, Shared, and Mixed Environment Methodologies

DBmaestro TeamWork enables organizations to work with any type of database environment, while solving the challenges of each method. Working in a sandbox environment allows developers to work in parallel, which requires careful attention when merging changes or getting the latest release to the sandbox. Working in a shared environment eliminates the merge process, but requires synchronization of the changes on the central object to prevent code-overwrites.

Ops:

Risk Mitigation

DBmaestro TeamWork decreases the number of potential risks threatening database development and deployment by 60%, and reduces deployment costs by 95%.

Merge and Deployment Automation

In today's dynamic world, promoting code produced by several teams has become a day-to-day challenge, and one of the most risky and time-consuming events in the deployment phase. DBmaestro TeamWork provides bullet-proof automated deployment capabilities. Users can easily analyze and select change requests or activities, and merge them across multiple database environments.

Enhanced Security

DBmaestro TeamWork's enhanced security mechanism controls changes to database objects and helps enforce roles and responsibilities. You can easily define database change policy to prevent unauthorized and undocumented database changes. DBmaestro TeamWork fully controls and monitors who does what, where they did it, when it was done, and why.

Regulatory Compliance

DBmaestro TeamWork provides a complete and reliable business-oriented audit trail for managed database object definitions, in addition to the ability to manage static content. It ensures and enforces compliance with regulatory bodies through all stages of the development process, from development through testing to production.

> "Massachusetts Department of Education uses DBmaestro TeamWork to reduce database change deployment time by up to 95%."
>
> Dan Boyle,
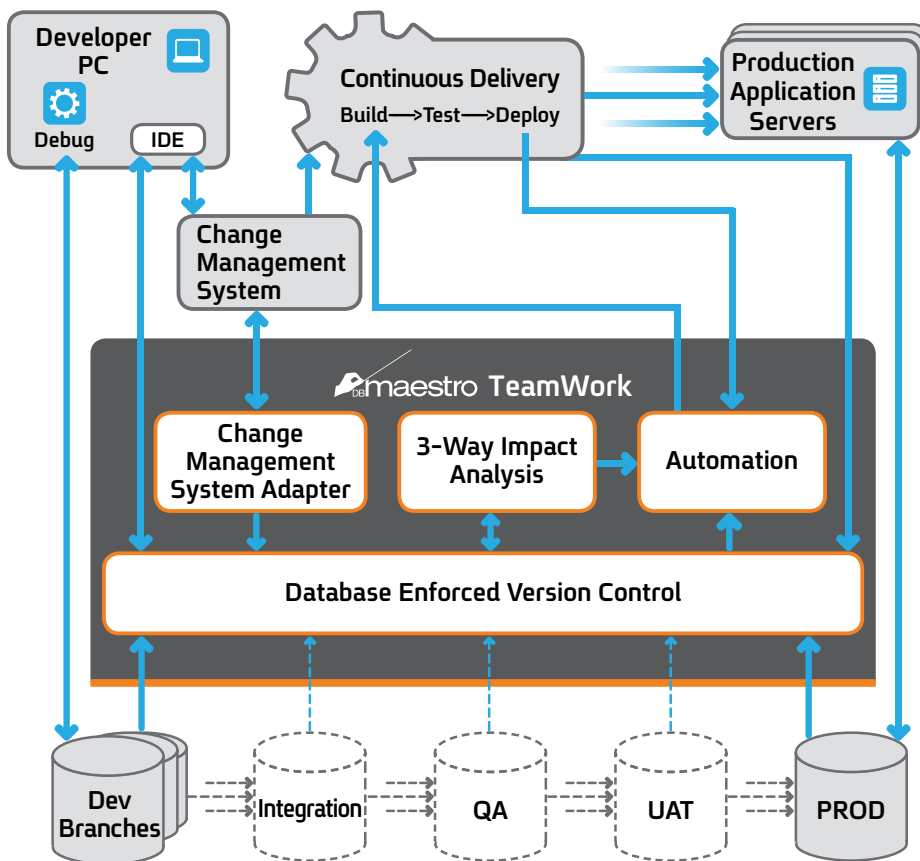> Supervisor of Database
> Administration & Development

Highlights

Development Collaboration Enablement

- Provide unique database enforced change management

- Eliminate out-of-process changes

- Support sandbox, shared, mixed and branch methodologies

- Enforce development best practices methods

- Enable Agile and database continuous integration methodologies

Reduced Operational Risk

- Provide bullet-proof deployment automation

- Leverage baseline-based impact analysis

- Enable database continuous delivery

- Integrate with any build & deploy automation solution

- Enhance and reinforce security

- Foster regulatory compliance

"DBmaestro TeamWork's ability to support automatic deployments makes our life much easier, frees us from the need to produce scripts and avoids tedious and error prone manual procedures. In summary, DBmaestro TeamWork improves the quality of our products and services and enables an additional warranty for our customers."

Edmondo Peron,
Senior Software Architects,
Venistar SpA, Italy

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