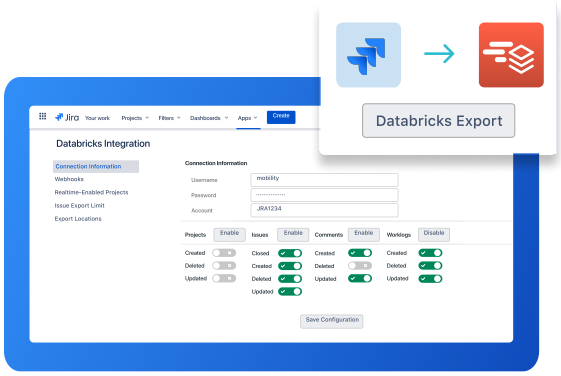
White Paper Enhancing data driven decision making with Databricks and Jira

Abstract

As data driven decision making grows companies using Jira are increasingly integrating it with other tools. Businesses need advanced analytics and visualization beyond what Jira natively supports. **Databricks for Jira on the Atlassian Marketplace** bridges Jira and Databricks. The app enables organizations to harness advanced analytics, machine learning, and big data processing within their Jira environment.



Challenges in Jira Data Analysis

While Jira is a powerful tool for managing projects, analyzing large datasets within Jira presents several challenges:

Limited reporting and visualization

- Jira's built-in reporting tools are often insufficient for complex analytics

Scalability constraints

- Handling large datasets can slow down performance and limit insights

Siloed data

- Integrating Jira data with external sources for deeper insights is not seamless

Lack of advanced analytics

- Jira lacks AI and machine learning capabilities for predictive analysis

Introducing Databricks for Jira

Databricks for Jira by Mobility Stream integrates Databricks' powerful data analytics platform with Jira, enabling users to extract, process, and analyze Jira data efficiently.

Key features include:

Advanced data processing

- Leverages Apache Spark for scalable, high-performance data analytics

Machine learning and AI

- Applies AI-driven insights to predict trends and optimize workflows

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Machine learning and AI (cont.)

- Seamless integration
- Connects Jira data with enterprise data lakes and cloud storage for deeper analysis

Real-time dashboards

- Provides dynamic, interactive reporting to support real-time decision-making

Security and compliance

- Ensures enterprise-grade security and governance for sensitive project data

Key Benefits

Enhanced decision making

- Empower teams with real-time insights and predictive analytics

Optimized performance

- Scale data analysis without impacting Jira performance

Cross-platform data integration

- Unlock insights by integrating Jira with broader enterprise data ecosystems

Automation and AI driven intelligence

- Automate reporting and leverage AI for smarter project planning

Use Cases

IT and engineering teams

- Analyze issue resolution trends and optimize development workflows

Project managers

- Gain deeper insights into project progress, bottlenecks, and resource allocation

Business intelligence teams

- Integrate Jira data with enterprise analytics to inform strategic decision-making

Conclusion

Databricks for Jira by Mobility Stream transforms Jira into a data driven powerhouse, enabling organizations to unlock deeper insights, improve decision-making, and drive innovation. By integrating Databricks' cutting edge analytics with Jira's project management capabilities, teams can scale their data strategies, automate insights, and optimize performance for a competitive edge.