Perforce Insights

Gain a Deeper Understanding of Your Development Environment

Insights unlocks the necessary information from the Perforce versioning service so you can continually measure the performance of your development teams and tune your software production lines. With the growing adoption of Continuous Delivery, understanding how your projects and teams are performing and whether your code is becoming more stable is critical for high-performance teams and high-quality deliverables.

Analytics Dashboards

Insights comes with a default set of pre-built “dashboards” that show at a glance the performance of your projects and teams
• Overview: Get a high-level view across a number of selected projects including project stability, bug counts and Job counts
• Project: Get deeper information for selected projects including submits per branch, top contributors, open bugs and project stability
• Hot Spots: See what’s driving changes in your code—the files with the most changes, who’s making the most submits, etc.
• Server: See key system performance indicators like command queue length and which clients are being used most (available now as a preview feature)

Customizable Views

You can tailor the views in Insights for the information you need and in the style you want. Filter and select ranges of data for deeper understanding. Or simply export the data for use in your own tools for more analysis options. Key benefits include:
• Information delivered in an easy-to-understand format
• Analyze the rich trove of information in your Perforce repository
• Responsive and extensible design with minimal impact on your Perforce service
Uncover the Wealth of Data in Your Repository

Every change to every digital asset you work with is recorded in Perforce. Traditional project reporting tools don’t have access to the information about how changes are being applied. Your Scrum burn down charts might show that user stories are being closed but that doesn’t tell you if the rate of change in your files is reducing or increasing, potentially introducing unseen risks to your schedules.

The Perforce Stability Index is a simple-to-use indicator of project stability that combines information about the rate of change in files (particularly where the same files change repeatedly) and bug fix counts. By following the stability trend over a period of time, or comparing to the data from previous projects, you can see at a glance whether your project is on track for its release or if remedial action is needed.

Fast, Simple, and Extensible

Insights is built to be fast for both users and the Perforce system as a whole. You’ll get the information you need quickly, without putting a burden on the Perforce system.

Need more information than what the default dashboards can tell you? No problem. Insights is customizable so you can build your own dashboards to bring together the information you need. The Insights architecture is extensible enabling you to publish Perforce data to external tools, consume data from other sources, and build your own metrics (Perforce will publish all the necessary interfaces in a future release).

Availability

Perforce Insights is available now for use free of charge, including for customers using the free Perforce 20/20 edition. Learn more at perforce.com/insights

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