HelixSwarm

PERFORCE
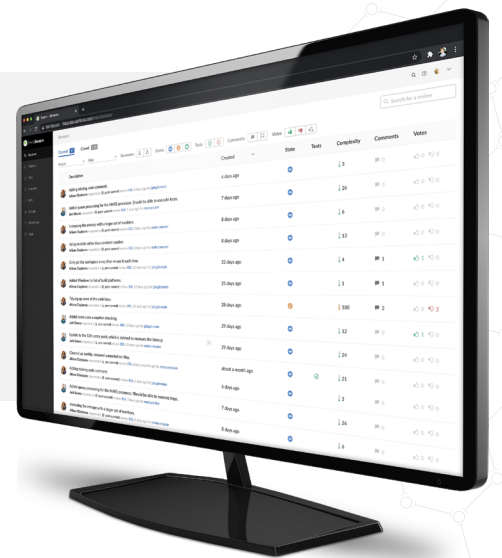
PRODUCT BRIEF

Streamline Code Review and Collaboration

Helix Swarm is the code review tool used with Helix Core version control from Perforce. It makes it easy for teams to collaborate and build high-quality products via comments, voting, viewing automatic test results, and customizing development workflows. Its elegant web-based interface provides enhanced visibility into your files, jobs, tests, workflows, and much more.

CODE REVIEW WORKFLOWS

Helix Swarm is built to scale and manage thousands of reviews, automate your build process, and help teams work faster. With Swarm, you can visualize your entire review history and customize each review to suit your working style. Monitor the review lifecycle workflow (pending, approve, reject, etc.) across projects and branches.

- Flexible and powerful workflows, supporting both pre- and post-submit code review models.

- Get instant feedback from a build/test (pass/fail).

- Diff incremental changes between versions of code reviews.

- Easily search for users, files, or projects.

- Understand what's involved in a review at a glance.

CODE CONVERSATIONS

Helix Swarm helps development teams accelerate release cadences without sacrificing quality. Its "code conversations" enable direct and contextual collaboration throughout each stage of development. Comment right in the code — whether it's sharing ideas, helping a colleague on a code snippet, or providing feedback on submitted code. You can even use markdown and emojis to make comments standout.

- Comment on reviews.

- Comment in-line with code.

- Use @mentions to send notifications.

- Review comments in the activity stream or in emails.

- Filter activity streams by reviews, changes, comments, users, or projects.
- Send fewer notifications by batching comments together in a single email rather than receiving one per comment.

AUTOMATE CODE DELIVERY

Helix Swarm projects can automate your continuous delivery workflow using your preferred build runner.

Teams get immediate feedback from a build and test environment. Plus, you can deploy code to preview change all from one place. Set up this process on a global, project, or team level.

ACTION ITEM DASHBOARD

Eliminate the need to manually identify your most pressing reviews. Because if you're in a large enterprise, this can run into the hundreds of thousands.
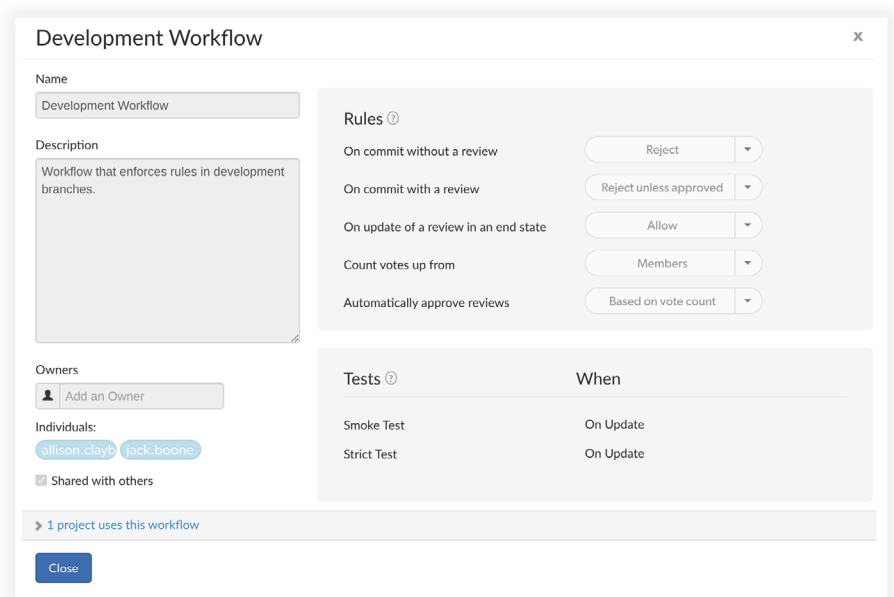
Helix Swarm's pre-filtered, customized list of "Reviews to Act On" makes sure you are always working on the most important tasks first. It includes any reviews awaiting your up-vote or approval. It lets you know which reviews are blocked or require your immediate action.

CUSTOMIZABLE WORKFLOWS

Helix Swarm provides complete flexibility & control for teams to enable their own approval workflows. Users can create their own project and identify the specific branches they want to review. Then add in specific moderators to approve any reviews originating from those branches and rules for what gets approved and when.

REVIEWS FOR ALL TYPES OF CONTRIBUTORS

File previews are available on a range of digital assets, including Microsoft Office documents (e.g., Word, Excel, PowerPoint, Visio, RTF), standard image formats

Implement development workflows rules for your organization using Helix Swarm.

(e.g., BMP, EPS, PSD, TGA, TIFF), and 3D model files (e.g., STL, OBJ, DAE).

Make sure your final product is the highest quality by submitting reviews for:

- UX Designer (BMP, TIFF).
- Game or Virtual Production Artist (3D models).
- Marketing Professional (Word, Excel, PPT, etc).

Now everyone on your team can review all in one place.

NOTIFICATION PREFERENCES

Helix Swarm enables users to choose what email notifications they prefer to receive. Individuals control the type of notifications, while reducing the amount of unnecessary emails in their inbox. It also allows admins to configure global notifications to satisfy company policies, admin preferences, or audit and accountability standards.

GET YOUR FREE TRIAL

Helix Swarm is the free code review tool with Helix Core. You can get started free.

TRY HELIX CORE + HELIX SWARM FREE