

LATEST FEATURES

## What's New in Helix Swarm 2019.3

Helix Swarm is the scalable code review and collaboration tool for Helix Core. With Helix Swarm, your contributors can share files, comment, review, vote, approve, and submit final work all directly within the web-based interface. Swarm automates the entire process via notifications —making it easy to monitor progress and accelerate feedback.

Release Version	2019.3	2019.2	2019.1 +	
Manage CI messages from multiple build runners	<	×	×	
Configure global CI tests for all reviews	<b>S</b>	$\mathbf{x}$	$\boldsymbol{\otimes}$	
Customizable workflows	<b>S</b>	<b>S</b>	$\boldsymbol{\otimes}$	
Review Steam Specs	<b>S</b>	<b>S</b>	8	
See Perforce Job links in Jira	<b>S</b>	<b>S</b>	8	
Additional support for markdown files	<b>S</b>	<b>S</b>	<b>S</b>	
Platform upgrade to Zend 3	<b>S</b>	<b>S</b>	Ø	
Authentication with Helix SAML	<b>S</b>	<b>S</b>	<b>O</b>	
Exclude repository paths from code reviews	<b>S</b>	<b>S</b>	<b>O</b>	
Implement code review settings for projects and branches	<b>S</b>	<b>S</b>	<b>O</b>	
Batch notifications	<b>S</b>	<b>S</b>	<b>O</b>	
Add review description	<b>S</b>	<b>S</b>	<b>O</b>	
Ability to add multiple changelists to a single pre-commit review	<b>S</b>	<b>S</b>	<b>O</b>	
Comment threading	<b>S</b>	<b>S</b>	<b>O</b>	
Support for multi-factor authentication	<b>S</b>	$\bigcirc$	$\bigcirc$	
Disable automated tests on approve and commit	<b>S</b>	<b>O</b>	<b>O</b>	
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+ Includes earlier releases

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