

CI/CD pipelines for scientists

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Ansys

/ Introduction

Continuous integration (CI) and continuous delivery (CD) is used for empowering software development through automated integration and deployment, revolutionizing efficiency and reliability in the software delivery lifecycle.

/ Code style

Enforces consistency and code quality through automated analysis, ensuring clean and maintainable software development practices.

/ Doc style

Elevates documentation quality through automated analysis, fostering clear and consistent communication for comprehensive software documentation.

/ Doc build

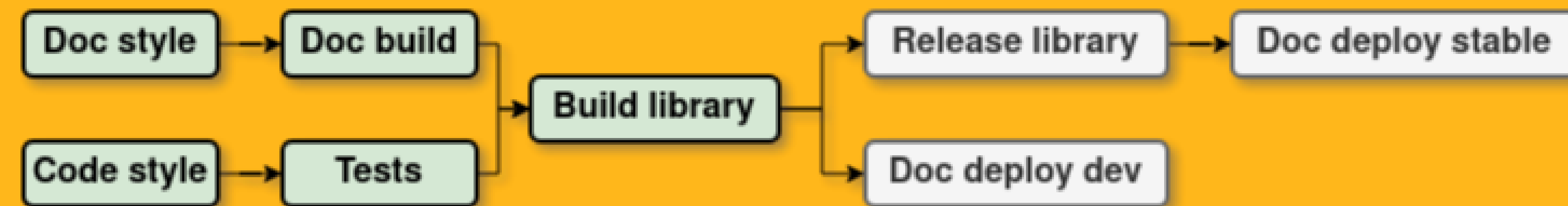
Streamlines the creation of documentation through automated processes, enabling efficient and accurate documentation generation for seamless project collaboration.

/ Tests

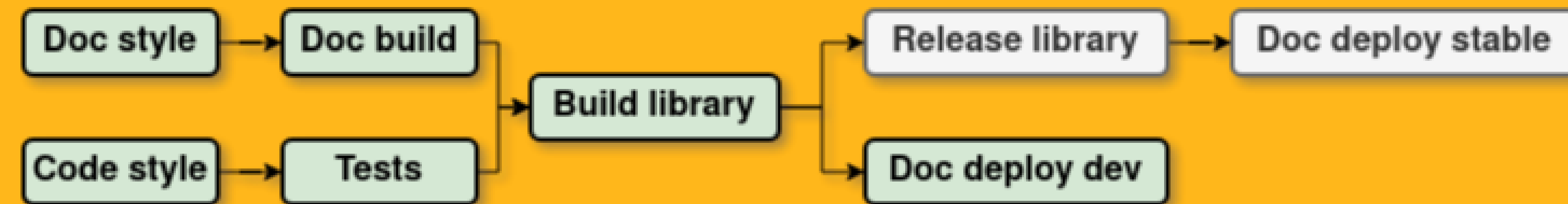
Enhances software quality through systematic and efficient test automation, ensuring robustness, reliability, and code coverage in the development process.

From code to deployment

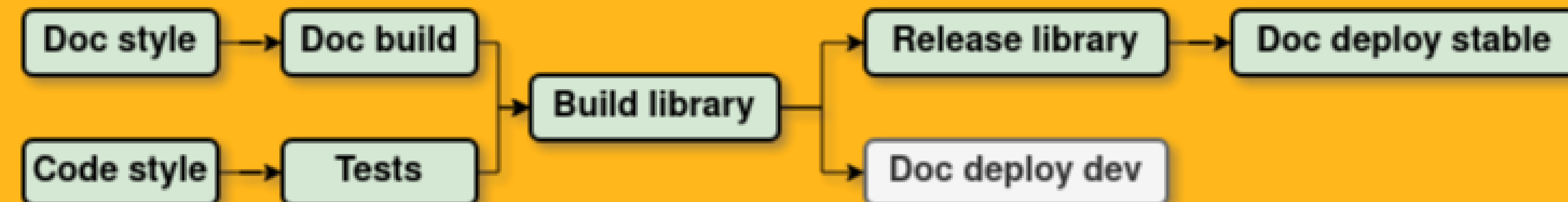
Pull request workflow



Main branch workflow



Release workflow



Use ansys/actions@v4



Want to see our actions?

✓ Visit <https://actions.docs.ansys.com> for more information.

Have questions?

✓ Don't be shy and start the conversation!

/ Build library

Leverages pre-built components and artifacts to expedite software development, enhancing efficiency and scalability in the creation of complex applications.

/ Release

Leverages pre-built components and artifacts to expedite software development, enhancing efficiency and scalability in the creation of complex applications.

/ Doc deploy

Streamlines the distribution and accessibility of developer and user documentation, empowering teams and customers with up-to-date resources for seamless collaboration and knowledge sharing.

PyAnsys

The PyAnsys project is a collection of Python packages that enable the use of Ansys products through Python.

Any questions?

Contact us at pyansys.core@ansys.com.



See our docs for more
information on PyAnsys:
<https://docs.pyansys.com>