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

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

Doc style

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

Doc build

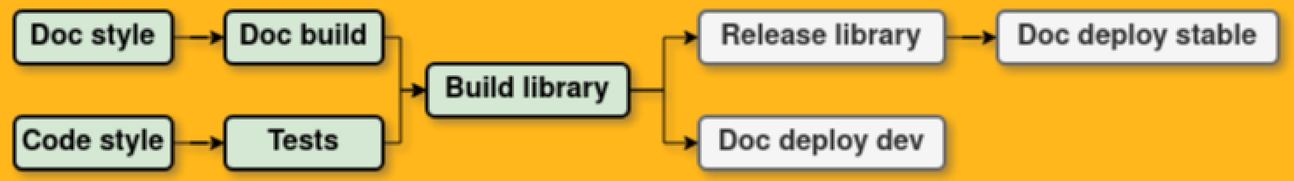
Streamlining the creation of documentation through automated processes, enabling efficient and accurate documentation generation for seamless project collaboration.

Tests

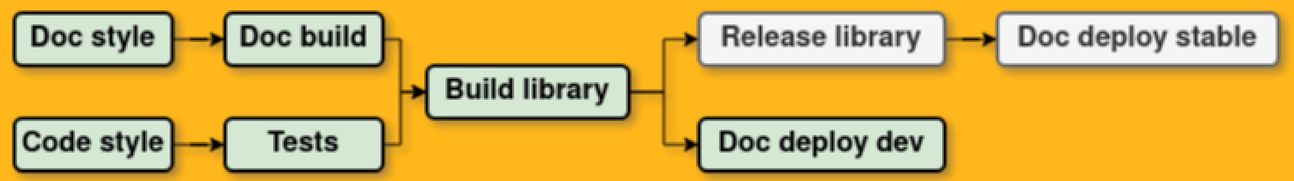
Enhancing software quality through systematic and efficient test automation, ensuring robustness, reliability and code coverage in the development process.

From code to deployment

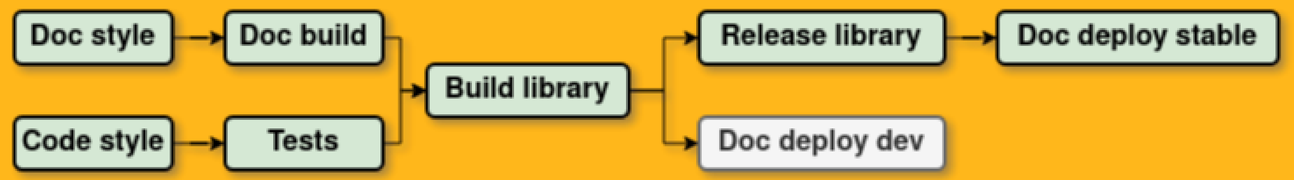
Pull-request workflow



Main branch workflow



Release workflow



Use ansys/actions@v4

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

Build library

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

Release

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

Doc deploy

Streamlining 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 doubts?
Contact us at pyansys.core@ansys.com!

Check our docs for more information on PyAnsys!
https://docs.pyansys.com