



API Automation: Framework ROAD Map

API Automation: Automation Test Engineer

- **Automation Framework** - Automation Framework is not a single tool or process, but it is a collection of tools and processes working together to support automated testing of any application. It integrates various functions like libraries, test data, and various reusable modules.
- **Why Automation Test Framework is required?**
- Maintain a well-defined strategy across the test suites.
- Enhanced speed at which testing progresses
- Maintaining the test code will be easy
- The URL or Application can be tested accurately
- Continuous testing of coding and delivery will be achieved

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- **Types of Automation Framework -**
- Linear Automation Framework
- Modular Driven Framework
- Behaviour Driven framework
- Data-Driven Framework
- Keyword-Driven Framework
- Hybrid Testing Framework

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- **Our Framework Component -**
- Core Java
- TestNG - Execution of Tests
- REST Assured - REST API
- Build Tools - For Builds Preparation
- Jenkins - CI
- Log4j - Logging
- Reporting - Extent and Surefire

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker's tip is just finishing the exclamation point. The background is a plain, light-colored surface.

See you in next lecture ...