Play smart with the backend

Dan Rusu

"Testing leads to failure,

and failure leads to understanding."
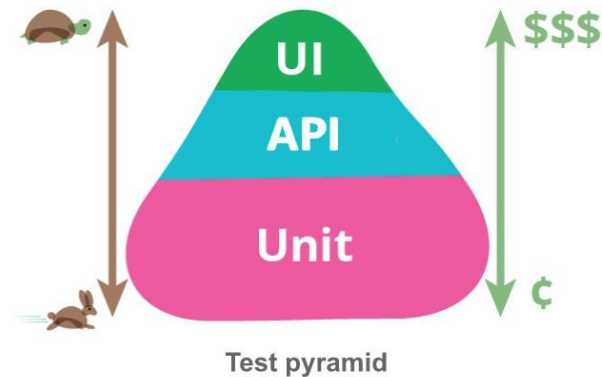
Burt Rutan

I. **Context - Automation In Testing**

II. **HTTP requests**

III. **Chrome DEV TOOLS**

IV. **Postman**

V. **Explore and test Restful-Booker with Postman**

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THINKING BREAKTHROUGHS

I. Context - Automation in testing

Goals

- Fast feedback

- Decrease regression issues

- Limit the amount of manual testing

- Standardize and centralize test reports

- Perform data driven testing

Test pyramid

II. HTTP requests

- **Request anatomy**

    - **Method**

    - **Host & Path**

    - **HTTP version**

    - **Headers**

    - **Query String**

    - **Body**

- **Methods - convention**

III. Chrome DEV TOOLS

- **JavaScript IDE**

  - **Console**

  - **Snippets**

    - **Quick brown fox**

    - **Utils**

- **Network traffic inspector**

IV. Postman

- **Download**

- **Docs**

- **Echo service**

- **Console**

- **Request / Response**

- **Collections**

- **Collection runner**

- **Scripts** chai

- **Environment & Globals**

- **Newman** - **repository**

V. Explore and test Restful-Booker with Postman

- **Restful-Booker**

- **API Documentation**

- **Repository**

- **Postman Collection**

- **Postman environment**

- **Newman - test run reports**

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THINKING BREAKTHROUGHS

Thanks for watching!

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