

# Conclusion

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# Review Tests and Web App



React's server-side rendering is useful both because of its performance consequences and because it makes testing easy

Modern apps are generally non-trivial – testing is highly recommended

Application can be deployed on DivShot / Heroku (or other)



# More Uses for Tests and Jest

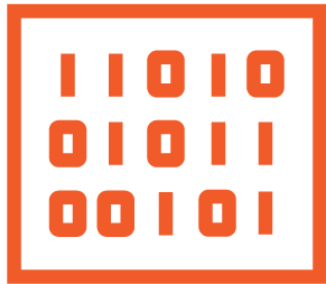


**GitHub**



Tests can be “hooked” into Github and Continuous Integration (CI) tools such as Travis and Jenkins – code that would break the app can be rejected automatically

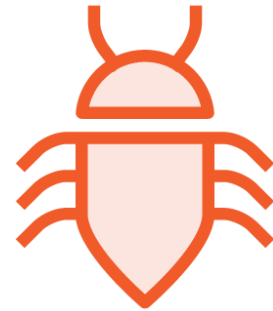
# More Uses for Tests and Jest



Verify code involving randomness is producing expected values



Regulate performance by quickly running an operation a large number of times



Fixing bugs solves problems, tests prevent problems occurring

# Jest Review



Jest is a good library for testing almost any Node-based application



Jest



Built on Jasmine,  
familiar syntax



Jest tests run via  
command line  
interface or Gulp



# Closing Thoughts and Continued Learning

**Official documentation** – clear and thorough  
[facebook.github.io/jest](https://facebook.github.io/jest)

**StackOverflow** – answer and ask questions  
[stackoverflow.com/questions/tagged/reactjs](https://stackoverflow.com/questions/tagged/reactjs)

**Follow Jest on Github**  
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