Frameworks



Frameworks

Frameworks



Frameworks

- The term "web framework" can mean many things, it depends upon who you ask.
- Agreement, a framework should make your job easier by providing code and structure.







What does "framework" mean here?

Front-end developers

• CSS, JavaScript, jQuery

Back-end developers

• Routing, resources, security



Frameworks

Popular front-end frameworks

- Bootstrap (2011)
 - Its popularity makes it.... popular
- Foundation by ZURB (2011)
- Semantic UI (2013)
- Pure by Yahoo! (2013)
- Ulkit by YOOtheme(2013)





What it means for you

- Many people build their sites directly from templates.
- Others use their own code and add functionality.
- Even "pure" coders should know the basics of one popular framework



Acknowledgements/Contributions

These slides are Copyright 2016- Colleen van Lent as part of http:// www.intro-webdesign.com/ and made available under a Creative Commons Attribution NoncCommercial 4.0 License. Please maintain this last slide in all copies of the document to comply with the attribution requirements of the license. If you make a change, feel free to add your name and organization to the list of contributors on this page as you republish the materials.

Initial Development: Colleen van Lent , University of Michigan School of Information

