Engineering Web Applications

Nowadays, Web applications are almost omnipresent. The Web has become a platform not only for information delivery, but also for eCommerce systems, social networks, mobile services, and distributed learning environments. Engineering Web applications involves many intrinsic challenges due to their distributed nature, content orientation, and the requirement to make them available to a wide spectrum of users who are unknown in advance. The authors discuss these challenges in the context of well-established engineering processes, covering the whole product lifecycle from requirements engineering through design and implementation to deployment and maintenance. They stress the importance of models in Web application development, and they compare well-known Web-specific development processes like WebML, WSDM and OOHDM to traditional software development approaches like the waterfall model and the spiral model. ... more on http://springer.com/978-3-540-92200-1

- First comprehensive and product-independent presentation of Web applications engineering
- Covers the whole application lifecycle from requirements engineering to deployment and maintenance
- Relates Web-specific development processes to traditional software development approaches
- Ideal for classes on Web application development, Web engineering, or Web information systems

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