Comparative analysis of cross-platform communication mechanisms(Conference Paper)

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Abstract_View references (16)

The present research aims to compare the different technologies that allow real-time communication between Android and iOS devices. We conducted a measurement-driven experiment to test the performance of each technology under different scenarios. We determine their functionality according to the environment for which they have been developed, showing competent information about their capabilities based on the communication channel they use, and their performance measured in milliseconds. The final results allow mobile application developers to determine which technologies suits them the best, based on the specific context of their projects. © 2018 Association for Computing Machinery.

SciVal Topic Prominence

Topic: User interfaces | Human computer interaction | cross-device interaction
Prominence percentile: 87.496

Author keywords

AppsCross-deviceCross-platformIOS AndroidMobile developmentReal-time communicationSoftware architecture

Indexed keywords

Engineering controlled terms:

Application programsData handlingInformation analysisSoftware architecture

Engineering uncontrolled terms

Cross-deviceCross-platformIOS AndroidMobile developmentReal-time comm

Engineering main heading:

Android (operating system)

- **ISBN:** 978-145036359-4
- **Source Type:** Conference Proceeding
- **Original language:** English

- **DOI:** 10.1145/3193077.3193083
- **Document Type:** Conference Paper
- **Sponsors:**
- **Publisher:** Association for Computing Machinery