Abstract

Mobile application market has grown exponentially. The market is becoming increasingly fragmented with at least five important mobile platforms making native development of mobile applications a challenging and costly endeavor. Cross-platform development might alleviate this situation. Cross-platform tools support to develop the applications for multiple platforms in less time also the developer need not have the prior knowledge of native language. This paper deals with available frameworks, cross-platform solutions and evaluating the features, performance, and development experience of these tools. Also, this paper targets on bringing out the fallacies and pitfall in different cross-platform approaches so as to raise awareness on such issues and help in selecting suitable approach.
State of Art Approaches to Build Cross Platform Mobile Application

References

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Index Terms

Computer Science
Information Sciences

Keywords

Cross platform; smart phones; web applications; hybrid applications; interpreted applications; generated or cross compiled applications.