

# Inside WAP: Programming Applications With WML And WMLScript

Wireless ProgrammingDr.Qadri Hamarshah  
Overview of WAP

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Advanced Programming Language (630501)  
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**Wireless Gateway**

**Outline of the Lecture**

- > Functionality of a WAP Gateway
- > Web Model vs. WAP Model
- > Positioning of a WAP gateway in the network
- > Gateway examples

**Functionality of a WAP Gateway**

- 1.Implementation of "WAP protocol stack" layers.
- 2.Protocol conversion: WSP ↔ HTTP.
- 3.Domain Name resolution.
- 4.HTML to WML conversion.
- 5.Encoding of WML Content.
- 6.WMLScript compilation.
- 7.Security.
- 8.Caching for frequently accessed content.

**1.Implementation of WAP protocol stack layers :-**  
Depending on whether the type of service is connection-oriented or connectionless, secure or not secure, the following layers need to be implemented:

- a) Secure connection-oriented : WAE-WSP-WTP-WTLS-WDP
- b) Secure connectionless : WAE-WSP-WTLS-WDP
- c) Non secure connection-oriented : WAE-WSP-WTP-WDP
- d) Non Secure connectionless : WAE-WSP-WDP

**2.Protocol conversion : WSP ↔ HTTP :**  
WSP supports complete HTTP 1.1, this include

- a) request-reply methods : Get, post, ... etc
- b) request
- c) response

Page 1 of 61

One way to distinguish a technical book is by the gut feeling it gives its readers. Pekka Niskanen's high-quality Inside WAP makes you feel confident that you can .Inside WAP: Programming Applications with WML and WMLScript. Tommi Terasvirta. Addison-Wesley Professional Out of print. Share this page. Topics Mobile communication systems, Wireless communication systems, Cellular telephone systems, Computer network protocols, Internet, Wireless. This book offers a possibility to learn WAP programming. The book can also be used as a reference because it contains all WAP defined WML (Wireless. The WAP application stack is made up of six different parts, as illustrated of languages is WMLScript, which is discussed later in this chapter. [sacflamenco.com](http://sacflamenco.com): Inside WAP: Programming Applications with WML and WMLScript () by Pekka Niskanen and a great selection of similar New. Read Book PDF Online Here [sacflamenco.com?book=](http://sacflamenco.com?book=) PDF Inside WAP Programming Applications with WML and WMLScript. 28 Jul - 30 sec Read Book PDF Online Here [sacflamenco.com?book=](http://sacflamenco.com?book=) Download Inside WAP. Publisher's Summary: This book offers a possibility to learn WAP programming. The book can also be used as a reference because it contains all. WMLScript (Wireless Markup Language Script) is the client-side scripting A scripting language is similar to a programming language, but is of lighter weight. In the old days, fewer round-trips can improve the performance of your WAP site which helps save bandwidth and improve the WAP application's response time)." Version of the Nokia WAP toolkit is included on the accompanying CD-ROM. The CD also features: source code for all the examples in the book, the Nokia. 2 Feb - 7 sec Read Now [sacflamenco.com?book=](http://sacflamenco.com?book=) [PDF Download] Inside WAP. Read our review of WAP Development with WML and WMLScript by author WAP (Wireless Application Protocol) is a language designed to allow programmers to An appendix in the book includes a WML and WMLScript reference library. Inside WAP: programming applications with WML and WMLScript A two-player game system implemented under WAP, International Journal of Mobile. In the above example, the WMLScript code is not embedded in the WML and you need to follow this when programming mobile Internet browsing applications. function is used to instruct the WAP browser to refresh the current WML card. The WAP programming model, as shown in Figure 2, is similar to the WWW encoders translate WAP content, WML pages and WMLScript programs, into. Programming WebLogic Server for Wireless Services WML for WAP applications is analogous to HTML for TCP/IP applications. WMLScript resides [sacflamenco.com](http://sacflamenco.com) files that are made available to wireless clients by placing them into the document. [amazon.com](http://amazon.com) read honest and unbiased product buy inside wap programming applications with wml and wmlscript pap which appears on the companion cd rom. PDAs. This tutorial helps you in understanding WAP technology starting from its basics. .. The Wireless Application Protocol (WAP) is a result of joint efforts taken by companies . development programming languages, WML, and WMLScript.

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