

WAP Architecture

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Wireless Application Protocol Architecture Specification

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1. Scope

The Wireless Application Protocol (WAP) is a result of the WAP Forum's efforts to promote industry-wide specifications for technology useful in developing applications and services that operate over wireless communication networks. WAP specifies an application framework and network protocols for wireless devices such as mobile telephones, pagers, and personal digital assistants (PDAs). The specifications extend and leverage mobile networking technologies (such as digital data networking standards) and Internet technologies (such as XML, URLs, scripting, and various content formats). The effort is aimed at enabling operators, manufacturers, and content developers to meet the challenges in building advanced differentiated services and implementations in a fast and flexible manner.

The objectives of the WAP Forum are:

- To bring Internet content and advanced data services to digital cellular phones and other wireless terminals.
- To create a global wireless protocol specification that will work across differing wireless network technologies.
- To enable the creation of content and applications that scale across a very wide range of bearer networks and device types.
- To embrace and extend existing standards and technology wherever appropriate.

The WAP Architecture Specification is intended to present the system and protocol architectures essential to achieving the objectives of the WAP Forum. The WAP Architecture Specification acts as the starting point for understanding the WAP technologies and resulting specifications. As such, it provides an overview of the different technologies and references the appropriate specifications for further details.

2. Document Status

This document is available online in the following formats:

- PDF format at <http://www.wapforum.org/>.

2.1 Copyright Notice

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2.2 Errata

Known problems associated with this document are published at <http://www.wapforum.org/>.

2.3 Comments

Comments regarding this document can be submitted to the WAP Forum in the manner published at <http://www.wapforum.org/>.

3. References

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