



WAP-LOCATION DRAFTING COMMITTEE CHARTER

GROUP: WAP LOCATION DRAFTING COMMITTEE

DATE: APRIL 26, 2001

1. DESCRIPTION AND GOALS

The advent of WAP capable mobile devices opens possibilities for completely new classes of applications that utilize information about the geographical position of the mobile device as well as the position of various services, events and phenomena. Examples of these new applications would include position-enhanced yellow page services, personalized weather and traffic advisories, navigational aids and many other services yet to be determined.

Therefore, the enabling of location-based services within WAP will be an important functionality, which adds value to future WAP devices and services. With the location framework, users will be able to use location based services within their privacy domain, location information possessor will have the possibility to take care of their properties and content providers will be able to use a transparent interface to create such services.

The purpose of the WAG Location Drafting Committee is to define a location framework for enabling location-based services. Goals for this activity are:

- Define an extensible location framework architecture
- Define a simple, transparent and position procedure independent location application interface
- Address location related privacy issues
- Leverage existing and emerging industry standards as much as possible
- The location framework has to be consistent with the current WAP architecture

2. SCOPE

The scope of the committee defines the topics that are of concern and will be explored and/or addressed by the Location Drafting Committee. Topics will be addressed to varying degrees.

The following topics are in the scope of the charter:

- Location framework architecture - The Location DC will define the guidelines for the overall architecture for the location framework that includes the access of position information available in the client and/or in the network position entity and/or other entities.

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- Location-based application interface – The Location DC will specify abstract interface(s) for the location-based applications. This will be done according to the current WAP architecture considering the WAP interaction with W3C.
- User privacy – The Location DC will address a mechanism to ensure the privacy of the user and/or subscriber of a location-based service.
- Operator privacy – The Location DC will also address a mechanism to ensure the handling of the privacy issues concerning the network operator.
- Legality – Detailed approach(es) regarding legal entities access to location information will be explored in the Location DC.
- Location requirements – The Location DC will address the location requirements defined by the Telematics Expert Group and the Service Provider Carrier Expert Group. Additionally, the Location DC is open for other sources of requirements as well.

The following topics are out of the scope of the charter:

- Position technology – The underlying position determination technologies or procedures are not defined within the work of the Location DC.
- Legal awareness – The awareness of ALL legal issues in different countries is not a topic of discussion within the Location DC.

3. CRITERIA FOR SUCCESS

This activity will be a success when the WAP Forum publishes approved specifications describing how location based services are enabled with WAP.

4. DURATION

The Location DC work will continue throughout the completion of the WAP Location Framework, WAP Location XML document formats and the WAP Location Protocol specifications, including any needed cooperation with WIG to ensure the interoperability of the created specifications. Once these specifications are accepted by the governing body (WAG), the continuation of the Location DC will be reassessed.

5. SCHEDULE AND DELIVERABLES

The Location DC expects to deliver the following items:

- WAP Location Framework (WAP-256)
- WAP Location Protocols (WAP-257) WAP Location XML document formats (WAP-258)

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- CR to WSP

Additional specs are to be worked on as needed.

6. RESOURCE REQUIREMENTS

The Location DC requires the following support from the WAP Forum staff:

- Committee meeting organization and facilitation during the WAP Forum general meetings
- Web site home page and mail reflector administration

Active Location Committee member company participants are required to:

- Participate in face-to-face meetings and telephone conferences when required
- Allocate significant time (approximately 50-75%) for design proposals, discussion, specification review and editing
- Perform miscellaneous tasks

The Location DC anticipates requiring support from WIG for the following:

- Publishing and integration of the Location PICS into the overall interoperability and testing framework

The Location DC may require support from WSG for the following:

- Reviewing the security implications of the location framework
- Specifying new security features as motivated by the location framework

7. OVERLAP WITH EXTERNAL ORGANISATIONS

The following external organizations are recognized as potential candidates for establishing a formal relationship with the WAP Forum:

- W3C
- ETSI T1P1.5
- 3GPP
- 3GPP2
- IETF
- LIF
- OpenGIS
- ANSI TR-45.2
- Automotive Multimedia Interface Collaboration (AMIC)
- Telematics Forum

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8. CO-ORDINATION WITH OTHER WAP ACTIVITIES

Coordination needs to happen with at least:

- Telematics Expert Group: to define requirements for location based services
- Service Provider Carrier Expert Group: to define requirements for location based services
- Wireless Application Group: to coordinate location-related activities
- Wireless Telephony Application Group: to coordinate location-related activities
- WAP Security Working Group: to provide security expertise
- Interoperability Group (WIG): it is anticipated that WIG will place requirements on the drafting of Static Conformance Requirements
- WAP / W3C coordination group: to provide interfaces to related W3C activities
- WAP Privacy Special Interest Group: to coordinate location privacy issues

The Location DC will coordinate as needed with all other groups whose charters relate to the work of the Location DC.

9. DEPENDENCIES ON WAP SPECIFICATIONS

The Location DC specifications are dependent on the following WAP specifications:

- WAE specification
- Push specifications
- WSP specification
- WAP process specification
- Class conformance statements

10. MEETINGS AND COMMUNICATION

Communication is conducted mainly via electronic mail using mailing lists. Face-to-face meetings take place in connection with WAP Forum general meetings. However, if a need arises, face-to-face meetings are called. Telephone conference calls will be arranged as needed and may later be arranged periodically.

Status reports, meeting minutes and other relevant documents can be found at: <http://www1.wapforum.org/member/wg/wag/Activities/Activityloc/index.htm> Written status reports will be distributed quarterly. Verbal status reports will be presented at every general WAG meeting.

11. MEMBERSHIP

Membership of the drafting committee is open to all WAP Forum member companies. All members are invited to participate via the mailing list with feedback, ideas and reviews.

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