

Registration Request for SMS URI Scheme
draft-wilde-sms-uri-registration-00

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Abstract

This memo requests the registration of the Universal Resource Identifier (URI) scheme "sms" for specifying a recipient (and optionally a gateway) for an SMS message. SMS messages are two-way paging messages that can be sent from and received by a mobile phone or a suitably equipped computer.

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1. URI Scheme Name

sms

2. Status

Provisional

3. URI Scheme Syntax

See [[draft-wilde-sms-uri-12](#)].

4. URI Scheme Semantics

The "sms" URI scheme defines a URI scheme which does not directly address a resource. Thus, the usual operations that may be performed on resources do not apply. Instead, the "sms" defines a way how a message may be composed which is then transmitted using the SMS message transmission method. This scheme can thus be compared to be "mailto" URI scheme [[RFC2368](#)]. See [[draft-wilde-sms-uri-12](#)] for the details of operation.

5. Encoding Considerations

The optional body field of "sms" URIs may contain a message text, but this text uses percent-encoded UTF-8 characters and thus can always be represented using URI characters. See [[draft-wilde-sms-uri-12](#)] for the details of encoding.

6. Applications/Protocols that use this URI Scheme Name

The "sms" URI scheme is intended to be used in a similar way as the "mailto" URI scheme [[RFC2368](#)]. By using "sms" URIs, authors can embed information into documents which can be used as a starting point for initiating message composition. Whether the client is sending the message itself (for example over a GSM air interface) or redirecting the user to a third party for message composition (such as a Web service for sending SMS messages) is outside of the scope of the URI scheme definition.

7. Interoperability Considerations

No interoperability issues have been identified.

8. Security Considerations

See [[draft-wilde-sms-uri-12](#)].

9. Contact

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11. Change Log

This section will not be part of the final RFC text, it serves as a container to collect the history of the individual draft versions.

12. References

12.1. Normative References

[RFC4395] Hansen, T., Hardie, T., and L. Masinter, "Guidelines and Registration Procedures for New URI Schemes", [RFC 4395](#), February 2006.

[[draft-wilde-sms-uri-12](#)]

Wilde, E. and A. Vaha-Sipila, "URI Scheme for GSM Short

Message Service", [draft-wilde-sms-service-12](#) (work in progress), March 2006.

[12.2.](#) Non-Normative References

- [RFC2368] Hoffmann, P., Masinter, L., and J. Zawinski, "The mailto URL scheme", [RFC 2368](#), June 1998.
- [RFC2629] Rose, M., "Writing I-Ds and RFCs using XML", [RFC 2629](#), June 1999.

[Appendix A.](#) Where to send Comments

Please send all comments and questions concerning this document to Erik Wilde.

[Appendix B.](#) Acknowledgements

This document has been prepared using the IETF document DTD described in [RFC 2629](#) [[RFC2629](#)].

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