

**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](#)].

Thanks to Bennett Marks for his help and comments.

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