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The application/sql Media Type
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Abstract

This document registers the application/sql media type to be used for the Structured Query Language (SQL).

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1. Introduction

The Structured Query Language (SQL) has been in use for over 30 years with various types of database technologies. However, there is no current media type registered for SQL. Therefore, this document seeks to formally register the application/sql media type to be used for SQL with IANA.

2. MIME Type Registration of text/csv

This section provides the media-type registration application which will be submitted to IANA after IESG approval of this document.

Type name: application

Subtype name: sql

Required parameters: N/A

Optional parameters: N/A

Encoding considerations:

While SQL uses US-ASCII by default, some implementations may use other encodings including [Unicode].

Security considerations:

Being that SQL is a full fledged programming language and may include embedded source code for other programming languages, it may be used to transfer malware, viruses and other malicious payloads. Implementors and users are encouraged only to exchange SQL files among trusted parties and utilize all available security measures such as restricted access, virus scanners, etc. to minimize risk.

Interoperability considerations:

While a single standard exists ([ISO.9075.2011]), vendor implementations of the standard vary significantly. Implementors and users should make sure that the exchanged SQL files match to the specific database/tool and version that they are using.

Published specification:

The most recent specification of SQL is available in [ISO.9075.2011].

Applications that use this media type:

Databases and related tools

Additional information:

Magic number(s): N/A

File extension(s): sql

Macintosh File Type Code(s): TEXT

Person & email address to contact for further information:

Yakov Shafranovich <ietf@shaftek.org>

Intended usage: COMMON

Restrictions on usage: N/A

Author/Change controller: IESG

3. IANA Considerations

After IESG approval, IANA is expected to register the MIME type application/sql using the application provided in Section 2 of this document.

4. Security Considerations

See discussion above

5. Acknowledgments

To LTS, thanks for everything.

The author would also like to thank all of the folks at xml.resource.org for providing many of the tools used for preparing RFCs and Internet drafts.

6. References

[ISO.9075.2011]
International Organization for Standardization, "ISO/IEC

9075:2011, Information Technology - Database Languages - Structured Query Language (SQL)", 2011.

[Unicode] The Unicode Consortium, "The Unicode Standard, Version 6.2.0", 2012.

Appendix A. Status of This Document [To Be Removed Upon Publication]

A.1. Discussion Venue

Discussion about this document should be directed to IANA's media-types mailing list <https://www.ietf.org/mailman/listinfo/media-types> which is also reachable via <media-types@iana.org>. Of course, comments directly to the author are always welcome.

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