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[RFC 3174](#)

Title: US Secure Hash Algorithm 1 (SHA1)
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The purpose of this document is to make the SHA-1 (Secure Hash Algorithm 1) hash algorithm conveniently available to the Internet community. The United States of America has adopted the SHA-1 hash algorithm described herein as a Federal Information Processing Standard. Most of the text herein was taken by the authors from FIPS 180-1. Only the C code implementation is "original".

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