### hash()

Returns the result of performing the unidirectional hash algorithm as a binary value.

#### Syntax

hash(HASH\_ALGO, BIN\_DATA)

Required Parameter

**HASH\_ALGO**

Hash algorithm (md5, sha1, sha256, sha384, and sha512).

**BIN\_DATA**

Data to be hashed. The data MUST be in binary form. The function returns null if a non-binary value is received.

#### Usage

json "{}" | eval hash=hash("md5", binary("hello, world!")) => 3adbbad1791fbae3ec908894c4963870json "{}" | eval hash=hash("sha1", binary("hello, world!")) => 1f09d30c707d53f3d16c530dd73d70a6ce7596a9json "{}" | eval hash=hash("sha256", binary("hello, world!")) => 68e656b251e67e8358bef8483ab0d51c6619f3e7a1a9f0e75838d41ff368f728json "{}" | eval hash=hash("sha384", binary("hello, world!")) => fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bdjson "{}" | eval hash=hash("sha512", binary("hello, world!")) =>6c2618358da07c830b88c5af8c3535080e8e603c88b891028a259ccdb9ac802d0fc0170c99d58affcf00786ce188fc5d753e8c6628af2071c3270d50445c4b1cjson "{}" | eval hash=hash("md5", "hello world") => nulljson "{}" | eval hash=hash("sha1", null) => nulljson "{}" | eval hash=hash("sha1", 1234) => null