

sha1

WMPRO, WMMINI FW >= 1.1015 WMMEGA FW >= 2.0

Calculate the SHA1 hash of a **string**

Description

string sha1 (**string** \$input)

This can be used for cryptography or just for checksum calculations.

For more information on SHA1, see this [Wikipedia link](#).

Parameter

\$input: A **string**

Return Values

String: SHA1 hash (40 character hexadecimal number) of **input**

Example

```
<?
// Name this example and call it with this: sha1.cgi?key=secretkey

// SHA1 hash value for "secretkey":
$hash="9885F8AF04289135DF259E34BD22D17FE45EA81E";

if (sha1($_GET['key']) == $hash) {
    print("hashes match!");
}
?>
```

See Also

[md5\(\)](#) - Calculate the MD5 hash of a **string**

[md5_file\(\)](#) - Calculate the MD5 hash of a file

[hash_hmac\(\)](#) - Calculate the hash of a string

[aes_decrypt\(\)](#) - Decrypt a string using the AES algorithm

[aes_encrypt\(\)](#) - Encrypt a string using the AES algorithm

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