

[🏠](#) > [Commands](#) > [HSET](#)

# HSET

## Syntax

```
HSET key field value [field value ... ]
```



redis

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### Commands

ACL CAT  
ACL DELUSER  
ACL DRYRUN  
ACL GENPASS  
ACL GETUSER  
ACL LIST  
ACL LOAD  
ACL LOG  
ACL SAVE  
ACL SETUSER  
ACL USERS  
ACL WHOAMI  
APPEND  
ASKING  
AUTH  
BF.ADD  
BF.CARD  
BF.EXISTS  
BF.INFO  
BF.INSERT  
BF.LOADCHUNK  
BF.MADD  
BF.MEXISTS

**Time complexity:**  $O(1)$  for each field/value pair added, so  $O(N)$  to add  $N$  field/value pairs when the command is called with multiple field/value pairs.

**ACL categories:** `@write`, `@hash`, `@fast`

Sets the specified fields to their respective values in the hash stored at **key**.

This command overwrites the values of specified fields that exist in the hash. If **key** doesn't exist, a new key holding a hash is created.

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### See also

HDEL  
HEXISTS  
HGET  
HGETALL  
HINCRBY  
HINCRBYFLOAT  
HKEYS  
HLEN  
HMGET  
HMSET  
HRANDFIELD  
HSCAN  
[HSET](#)  
HSETNX  
HSTRLEN  
HVALS

## Examples

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```
redis> HSET myhash field1 "Hello"
(integer) 1
redis> HGET myhash field1
"Hello"
redis> HSET myhash field2 "Hi" field3 "World"
(integer) 2
redis> HGET myhash field2
"Hi"
redis> HGET myhash field3
"World"
redis> HGETALL myhash
1) "field1"
2) "Hello"
```

## RESP2/RESP3 Reply

**Integer reply:** the number of fields that were added.

## History

- Starting with Redis version 4.0.0: Accepts multiple **field** and **value** arguments.

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