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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'EVP\_PKEY\_digestsign\_supports\_digest.3ossl' command**

**`$ man EVP_PKEY_digestsign_supports_digest.3ossl`**

`EVP_PKEY_DIGESTSIGN_SUPPORTS_DIGEST(EVP_PKEY_DIGESTSIGN_SUPPORTS_DIGEST(3ossl)`

### NAME

`EVP_PKEY_digestsign_supports_digest` - indicate support for signature  
digest

### SYNOPSIS

```
#include <openssl/evp.h>

int EVP_PKEY_digestsign_supports_digest(EVP_PKEY *pkey, OSSL_LIB_CTX *libctx,
                                       const char *name, const char *propq);
```

### DESCRIPTION

The `EVP_PKEY_digestsign_supports_digest()` function queries whether the message digest name is supported for public key signature operations associated with key `pkey`. The query is done within an optional library context `libctx` and with an optional property query `propq`.

### RETURN VALUES

The `EVP_PKEY_digestsign_supports_digest()` function returns 1 if the message digest algorithm identified by name can be used for public key signature operations associated with key `pkey` and 0 if it cannot be used. It returns a negative value for failure.

## SEE ALSO

EVP\_DigestSignInit\_ex(3),

## HISTORY

The EVP\_PKEY\_digestsign\_supports\_digest() function was added in OpenSSL

3.0.

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