

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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