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***Rocky Enterprise Linux 9.2 Manual Pages on command 'CTLOG\_STORE\_get0\_log\_by\_id.3ossl'***

***\$ man CTLOG\_STORE\_get0\_log\_by\_id.3ossl***

CTLOG\_STORE\_GET0\_LOG\_BY\_ID(3ossl) OpenSSL CTLOG\_STORE\_GET0\_LOG\_BY\_ID(3ossl)

**NAME**

CTLOG\_STORE\_get0\_log\_by\_id - Get a Certificate Transparency log from a CTLOG\_STORE

**SYNOPSIS**

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

```
const CTLOG *CTLOG_STORE_get0_log_by_id(const CTLOG_STORE *store,  
                                         const uint8_t *log_id,  
                                         size_t log_id_len);
```

**DESCRIPTION**

A Signed Certificate Timestamp (SCT) identifies the Certificate Transparency (CT) log that issued it using the log's LogID (see RFC 6962, Section 3.2). Therefore, it is useful to be able to look up more information about a log (e.g. its public key) using this LogID.

CTLOG\_STORE\_get0\_log\_by\_id() provides a way to do this. It will find a CTLOG in a CTLOG\_STORE that has a given LogID.

## RETURN VALUES

CTLOG\_STORE\_get0\_log\_by\_id returns a CTLOG with the given LogID, if it exists in the given CTLOG\_STORE, otherwise it returns NULL.

## SEE ALSO

ct(7), CTLOG\_STORE\_new(3)

## HISTORY

The CTLOG\_STORE\_get0\_log\_by\_id() function was added in OpenSSL 1.1.0.

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