



*Full credit is given to the above companies including the OS that this PDF file was generated!*

## **Rocky Enterprise Linux 9.2 Manual Pages on command 'PROFESSION\_INFO\_set0\_namingAuthority.3ossl'**

**\$ man PROFESSION\_INFO\_set0\_namingAuthority.3ossl**

ADMISSIONS(3ossl)                    OpenSSL                    ADMISSIONS(3ossl)

NAME

ADMISSIONS, ADMISSIONS\_get0\_admissionAuthority,  
ADMISSIONS\_get0\_namingAuthority, ADMISSIONS\_get0\_professionInfos,  
ADMISSIONS\_set0\_admissionAuthority, ADMISSIONS\_set0\_namingAuthority,  
ADMISSIONS\_set0\_professionInfos, ADMISSION\_SYNTAX,  
ADMISSION\_SYNTAX\_get0\_admissionAuthority,  
ADMISSION\_SYNTAX\_get0\_contentsOfAdmissions,  
ADMISSION\_SYNTAX\_set0\_admissionAuthority,  
ADMISSION\_SYNTAX\_set0\_contentsOfAdmissions, NAMING\_AUTHORITY,  
NAMING\_AUTHORITY\_get0\_authorityId, NAMING\_AUTHORITY\_get0\_authorityURL,  
NAMING\_AUTHORITY\_get0\_authorityText, NAMING\_AUTHORITY\_set0\_authorityId,  
NAMING\_AUTHORITY\_set0\_authorityURL,  
NAMING\_AUTHORITY\_set0\_authorityText, PROFESSION\_INFO, PROFESSION\_INFOS,  
PROFESSION\_INFO\_get0\_addProfessionInfo,  
PROFESSION\_INFO\_get0\_namingAuthority,  
PROFESSION\_INFO\_get0\_professionItems,  
PROFESSION\_INFO\_get0\_professionOIDs,

PROFESSION\_INFO\_get0\_registrationNumber,  
PROFESSION\_INFO\_set0\_addProfessionInfo,  
PROFESSION\_INFO\_set0\_namingAuthority,  
PROFESSION\_INFO\_set0\_professionItems,  
PROFESSION\_INFO\_set0\_professionOIDs,  
PROFESSION\_INFO\_set0\_registrationNumber - Accessors and setters for  
ADMISSION\_SYNTAX

## SYNOPSIS

```
typedef struct NamingAuthority_st NAMING_AUTHORITY;  
typedef struct ProfessionInfo_st PROFESSION_INFO;  
typedef STACK_OF(PROFESSION_INFO) PROFESSION_INFOS;  
typedef struct Admissions_st ADMISSIONS;  
typedef struct AdmissionSyntax_st ADMISSION_SYNTAX;  
const ASN1_OBJECT *NAMING_AUTHORITY_get0_authorityId(  
    const NAMING_AUTHORITY *n);  
void NAMING_AUTHORITY_set0_authorityId(NAMING_AUTHORITY *n,  
    ASN1_OBJECT* namingAuthorityId);  
const ASN1_IA5STRING *NAMING_AUTHORITY_get0_authorityURL(  
    const NAMING_AUTHORITY *n);  
void NAMING_AUTHORITY_set0_authorityURL(NAMING_AUTHORITY *n,  
    ASN1_IA5STRING* namingAuthorityUrl);  
const ASN1_STRING *NAMING_AUTHORITY_get0_authorityText(  
    const NAMING_AUTHORITY *n);  
void NAMING_AUTHORITY_set0_authorityText(NAMING_AUTHORITY *n,  
    ASN1_STRING* namingAuthorityText);  
const GENERAL_NAME *ADMISSION_SYNTAX_get0_admissionAuthority(  
    const ADMISSION_SYNTAX *as);  
void ADMISSION_SYNTAX_set0_admissionAuthority(  
    ADMISSION_SYNTAX *as, GENERAL_NAME *aa);  
const STACK_OF(ADMISSIONS) *ADMISSION_SYNTAX_get0_contentsOfAdmissions(  
    const ADMISSION_SYNTAX *as);  
void ADMISSION_SYNTAX_set0_contentsOfAdmissions(  
    ADMISSION_SYNTAX *as, STACK_OF(ADMISSIONS) *a);
```

```

const GENERAL_NAME *ADMISSIONS_get0_admissionAuthority(const ADMISSIONS *a);
void ADMISSIONS_set0_admissionAuthority(ADMISSIONS *a, GENERAL_NAME *aa);
const NAMING_AUTHORITY *ADMISSIONS_get0_namingAuthority(const ADMISSIONS *a);
void ADMISSIONS_set0_namingAuthority(ADMISSIONS *a, NAMING_AUTHORITY *na);
const PROFESSION_INFOS *ADMISSIONS_get0_professionInfos(const ADMISSIONS *a);
void ADMISSIONS_set0_professionInfos(ADMISSIONS *a, PROFESSION_INFOS *pi);
const ASN1_OCTET_STRING *PROFESSION_INFO_get0_addProfessionInfo(
    const PROFESSION_INFO *pi);
void PROFESSION_INFO_set0_addProfessionInfo(
    PROFESSION_INFO *pi, ASN1_OCTET_STRING *aos);
const NAMING_AUTHORITY *PROFESSION_INFO_get0_namingAuthority(
    const PROFESSION_INFO *pi);
void PROFESSION_INFO_set0_namingAuthority(
    PROFESSION_INFO *pi, NAMING_AUTHORITY *na);
const STACK_OF(ASN1_STRING) *PROFESSION_INFO_get0_professionItems(
    const PROFESSION_INFO *pi);
void PROFESSION_INFO_set0_professionItems(
    PROFESSION_INFO *pi, STACK_OF(ASN1_STRING) *as);
const STACK_OF(ASN1_OBJECT) *PROFESSION_INFO_get0_professionOIDs(
    const PROFESSION_INFO *pi);
void PROFESSION_INFO_set0_professionOIDs(
    PROFESSION_INFO *pi, STACK_OF(ASN1_OBJECT) *po);
const ASN1_PRINTABLESTRING *PROFESSION_INFO_get0_registrationNumber(
    const PROFESSION_INFO *pi);
void PROFESSION_INFO_set0_registrationNumber(
    PROFESSION_INFO *pi, ASN1_PRINTABLESTRING *rn);

```

## DESCRIPTION

The PROFESSION\_INFOS, ADMISSION\_SYNTAX, ADMISSIONS, and PROFESSION\_INFO types are opaque structures representing the analogous types defined in the Common PKI Specification published by <<https://www.t7ev.org>>.

Knowledge of those structures and their semantics is assumed.

The conventional routines to convert between DER and the local format are described in d2i\_X509(3). The conventional routines to allocate

and free the types are defined in X509\_dup(3).

The PROFESSION\_INFOS type is a stack of PROFESSION\_INFO; see DEFINE\_STACK\_OF(3) for details.

The NAMING\_AUTHORITY type has an authority ID and URL, and text fields.

The NAMING\_AUTHORITY\_get0\_authorityId(),

NAMING\_AUTHORITY\_get0\_get0\_authorityURL(), and

NAMING\_AUTHORITY\_get0\_get0\_authorityText(), functions return pointers

to those values within the object. The

NAMING\_AUTHORITY\_set0\_authorityId(),

NAMING\_AUTHORITY\_set0\_get0\_authorityURL(), and

NAMING\_AUTHORITY\_set0\_get0\_authorityText(), functions free any existing

value and set the pointer to the specified value.

The ADMISSION\_SYNTAX type has an authority name and a stack of

ADMISSION objects. The ADMISSION\_SYNTAX\_get0\_admissionAuthority() and

ADMISSION\_SYNTAX\_get0\_contentsOfAdmissions() functions return pointers

to those values within the object. The

ADMISSION\_SYNTAX\_set0\_admissionAuthority() and

ADMISSION\_SYNTAX\_set0\_contentsOfAdmissions() functions free any

existing value and set the pointer to the specified value.

The ADMISSION type has an authority name, authority object, and a stack

of PROFESSION\_INFO items. The ADMISSIONS\_get0\_admissionAuthority(),

ADMISSIONS\_get0\_namingAuthority(), and

ADMISSIONS\_get0\_professionInfos() functions return pointers to those

values within the object. The ADMISSIONS\_set0\_admissionAuthority(),

ADMISSIONS\_set0\_namingAuthority(), and

ADMISSIONS\_set0\_professionInfos() functions free any existing value and

set the pointer to the specified value.

The PROFESSION\_INFO type has a name authority, stacks of profession

items and OIDs, a registration number, and additional profession info.

The functions PROFESSION\_INFO\_get0\_addProfessionInfo(),

PROFESSION\_INFO\_get0\_namingAuthority(),

PROFESSION\_INFO\_get0\_professionItems(),

PROFESSION\_INFO\_get0\_professionOIDs(), and

PROFESSION\_INFO\_get0\_registrationNumber() functions return pointers to those values within the object. The  
PROFESSION\_INFO\_set0\_addProfessionInfo(),  
PROFESSION\_INFO\_set0\_namingAuthority(),  
PROFESSION\_INFO\_set0\_professionItems(),  
PROFESSION\_INFO\_set0\_professionOIDs(), and  
PROFESSION\_INFO\_set0\_registrationNumber() functions free any existing value and set the pointer to the specified value.

#### RETURN VALUES

Described above. Note that all of the get0 functions return a pointer to the internal data structure and must not be freed.

#### SEE ALSO

X509\_dup(3), d2i\_X509(3),

#### COPYRIGHT

Copyright 2017-2018 The OpenSSL Project Authors. All Rights Reserved.  
Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at  
<<https://www.openssl.org/source/license.html>>.

3.0.7                      2023-07-13                      ADMISSIONS(3openssl)