



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

Hat Enterprise Linux Release 9.2 Manual Pages on 'PROFESSION_INFO_get0_professionItems.3oss1' comm

\$ man PROFESSION_INFO_get0_professionItems.3oss1

ADMISSIONS(3oss1) OpenSSL ADMISSIONS(3oss1)

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(3ossl)