NAME

sasl_canon_user_t - Cyrus SASL documentation

SYNOPSIS

#include <sasl/sasl.h>

int sasl_canon_user_t(sasl_conn_t *conn, void *context, const char *user, unsigned ulen,
            unsigned flags, const char *user_realm, char *out_user,
            unsigned out_umax, unsigned *out_ulen)

DESCRIPTION

int sasl_canon_user_t(sasl_conn_t *conn,

void *context,

const char *user,

unsigned ulen,

unsigned flags,

const char *user_realm,

char *out_user,

unsigned out_umax,

unsigned *out_ulen)

    sasl_canon_user_t is the callback for an application-supplied user canonicalization function. This function is subject to the requirements that all user canonicalization functions are: It must copy the result into the output buffers, but the output buffers and the input buffers may be the same.

Parameters

        ⊕ **context** - context from the callback record

        ⊕ **user** - un-canonicalized username

⊕ **ulen** - length of user

⊕ **flags** - Either SASL_CU_AUTHID (indicating the authentication ID is being canonicalized) or SASL_CU_AUTHZID (indicating the authorization ID is to be canonicalized) or a bitwise OR of the the two.

⊕ **user_realm** - Realm of authentication.

⊕ **out_user** - The output buffer for the canonicalized username

⊕ **out_umax** - Maximum length for out_user

⊕ **out_ulen** - Actual length of out_user

Returns

SASL_OK indicates success. See sasl_errors(3) for a full list of SASL error codes.

CONFORMING TO

RFC 4422

SEE ALSO

sasl(3), sasl_errors(3), sasl_callbacks(3)

AUTHOR

The Cyrus Team

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