NAME

sasl_listmech - Cyrus SASL documentation

SYNOPSIS

#include <sasl/sasl.h>

int sasl_listmech(sasl_conn_t *conn,
            const char *user,
            const char *prefix,
            const char *sep,
            const char *suffix,
            const char **result,
            unsigned *plen,
            int *pcount);

DESCRIPTION

int sasl_listmech(sasl_conn_t *conn,

const char *user,

const char *prefix,

const char *sep,

const char *suffix,

const char **result,

unsigned *plen,

int *pcount);

sasl_listmech returns a string listing the SASL names of all the mechanisms available to the specified user. This is typically given to the client through a capability command or initial server response. Client applications need this list so that they know what mechanisms the server supports.

Parameters

⊕ **conn** - the SASL context for this connection

⊕ **user** - (optional) restricts the mechanism list to only those available to the user.

⊕ **prefix** - appended to beginning of result

⊕ **sep** - appended between mechanisms

⊕ **suffix** - appended to end of result

⊕ **result** - NULL terminated result string (allocated/freed by library)

⊕ **plen** - length of result filled in by library. May be NULL

⊕ **pcount** - Number of mechanisms available (filled in by library). May be NULL

EXAMPLE

sasl_listmech(conn,NULL,"(",",",")",&mechlist,NULL,NULL);

may give the following string as a result:
    (ANONYMOUS,KERBEROS_V4,DIGEST-MD5)

RETURN VALUE

SASL functions should return SASL return codes. See sasl.h for a complete list. **SASL_OK** indicates success.

SEE ALSO

RFC 4422,:saslman:*sasl(3)*, sasl_server_new(3), sasl_errors(3), sasl_client_new(3)

AUTHOR

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