

eXosip2_authentication(3)

libeXosip2

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NAME

eXosip2_authentication – eXosip2 authentication API

Functions

```
int eXosip_add_authentication_info (const char *username, const char *userid, const char *passwd,
                                   const char *ha1, const char *realm)
int eXosip_clear_authentication_info (void)
int eXosip_default_action (eXosip_event_t *je)
void eXosip_automatic_refresh (void)
void eXosip_automatic_action (void)
int eXosip_insubscription_automatic (eXosip_event_t *evt)
int eXosip_generate_random (char *buf, int buf_size)
```

Detailed Description**Function Documentation**

**int eXosip_add_authentication_info (const char * username, const char * userid, const char * passwd,
const char * ha1, const char * realm)**

Add authentication credentials. These are used when an outgoing request comes back with an authorization required response.

Parameters:

username username
userid login (usually equals the username)
passwd password
ha1 currently ignored
realm realm within which credentials apply, or NULL to apply credentials to unrecognized realms

int eXosip_clear_authentication_info (void)

Clear all authentication credentials stored in eXosip.

int eXosip_default_action (eXosip_event_t * je)

Initiate some default actions:

Retry with credentials upon reception of 401/407. Retry with Contact header upon reception of 3xx request.

void eXosip_automatic_refresh (void)

Refresh REGISTER and SUBSCRIBE before the expiration delay.

void eXosip_automatic_action (void)

Initiate some automatic actions:

Retry with credentials upon reception of 401/407. Refresh REGISTER and SUBSCRIBE before the expiration delay. Retry with Contact header upon reception of 3xx request.

int eXosip_insubscription_automatic (eXosip_event_t * evt)

Automatic internal handling of known package.

Parameters:

evt event related to an incoming subscription.

int eXosip_generate_random (char * buf, int buf_size)

Generate random string:

Parameters:

buf destination buffer for random string.

buf_size size of destination buffer

Author

Generated automatically by Doxygen for libeXosip2 from the source code.

