

eXosip2 SUBSCRIBE and incoming subscriptions

SIP messages and call control API

Functions

- int **eXosip_insubscription_build_answer** (struct eXosip_t *excontext, int tid, int status, osip_message_t **answer)
- int **eXosip_insubscription_send_answer** (struct eXosip_t *excontext, int tid, int status, osip_message_t *answer)
- int **eXosip_insubscription_build_request** (struct eXosip_t *excontext, int did, const char *method, osip_message_t **request)
- int **eXosip_insubscription_build_notify** (struct eXosip_t *excontext, int did, int subscription_status, int subscription_reason, osip_message_t **request)
- int **eXosip_insubscription_send_request** (struct eXosip_t *excontext, int did, osip_message_t *request)
- int **eXosip_insubscription_remove** (struct eXosip_t *excontext, int did)

Detailed Description

Function Documentation

```
int eXosip_insubscription_build_answer ( struct eXosip_t * excontext,  
                                         int tid,  
                                         int status,  
                                         osip_message_t ** answer  
                                         )
```

Build answer for an SUBSCRIBE request.

Parameters

- excontext** eXosip_t instance.
- tid** id of SUBSCRIBE transaction.
- status** status for SIP answer to build.
- answer** The SIP answer to build.

```
int eXosip_insubscription_send_answer ( struct eXosip_t * excontext,
                                     int tid,
                                     int status,
                                     osip_message_t * answer
                                     )
```

Send answer for an SUBSCRIBE request.

Parameters

excontext eXosip_t instance.
tid id of SUBSCRIBE transaction.
status status for SIP answer to send.
answer The SIP answer to send. (default will be sent if NULL)

```
int eXosip_insubscription_build_request ( struct eXosip_t * excontext,
                                         int did,
                                         const char * method,
                                         osip_message_t ** request
                                         )
```

Build a request within subscription.

Parameters

excontext eXosip_t instance.
did id of incoming subscription.
method request method to build.
request The SIP request to build.

```
int eXosip_insubscription_build_notify ( struct eXosip_t * excontext,
                                         int did,
                                         int subscription_status,
                                         int subscription_reason,
                                         osip_message_t ** request
                                         )
```

Build a NOTIFY request within subscription.

Parameters

excontext eXosip_t instance.
did id of incoming subscription.
subscription_status subscription status (pending, active, terminated)
subscription_reason subscription reason
request The SIP request to build.

```
int eXosip_insubscription_send_request ( struct eXosip_t * excontext,
                                         int did,
                                         osip_message_t * request
                                         )
```

Send a request within subscription.

Parameters

excontext eXosip_t instance.
did id of incoming subscription.
request The SIP request to send.

```
int eXosip_insubscription_remove ( struct eXosip_t * excontext,
                                   int did
                                   )
```

Remove incoming subscription context.

Parameters

excontext eXosip_t instance.
did identifier of the subscription.