eXosip2 REGISTER and Registration Management

Functions

int	**eXosip_register_build_initial_register** (struct eXosip_t *excontext, const char *from, const char *proxy, const char *contact, int expires, osip_message_t **reg)
int	**eXosip_register_build_initial_register_withqvalue** (struct eXosip_t *excontext, const char *from, const char *proxy, const char *contact, int expires, const char *qvalue, osip_message_t **reg)
int	**eXosip_register_build_register** (struct eXosip_t *excontext, int rid, int expires, osip_message_t **reg)
int	**eXosip_register_send_register** (struct eXosip_t *excontext, int rid, osip_message_t *reg)
int	**eXosip_register_remove** (struct eXosip_t *excontext, int rid)

Detailed Description

Function Documentation

int eXosip_register_build_initial_register (	struct eXosip_t *	excontext,
	const char *	from,
	const char *	proxy,
	const char *	contact,
	int	expires,
	osip_message_t **	reg
)		

Build initial REGISTER request.

Parameters

excontext	eXosip_t instance.
from	SIP url for caller.
proxy	Proxy used for registration.
contact	Contact address. (optional)
expires	The expires value for registration.
reg	The SIP request to build.

int eXosip_register_build_initial_register_withqvalue (struct eXosip_t *   **excontext,**
                                           const char *   **from,**
                                             const char *   **proxy,**
                                             const char *   **contact,**
                                             int   **expires,**
                                             const char *   **qvalue,**
                                             osip_message_t *   **reg**
)

Build initial REGISTER request with qvalue for contact.

Parameters

      excontext   eXosip_t instance.

      from   SIP url for caller.

      proxy   Proxy used for registration.

      contact   Contact address. (optional)

      expires   The expires value for registration.

      qvalue   The qvalue value for contact header.

      reg   The SIP request to build.

---

int eXosip_register_build_register (struct eXosip_t *   **excontext,**
                                 int   **rid,**
                                 int   **expires,**
                                 osip_message_t *   **reg**
)

Build a new REGISTER request for an existing registration.

Parameters

      excontext   eXosip_t instance.

      rid   A unique identifier for the registration context

      expires   The expires value for registration.

      reg   The SIP request to build.

int eXosip_register_send_register (struct eXosip_t *   excontext,
int   rid,
osip_message_t *   reg
)

Send a REGISTER request for an existing registration.

Parameters

    excontext eXosip_t instance.

    rid   A unique identifier for the registration context

    reg   The SIP request to build. (NULL for default REGISTER)

---

int eXosip_register_remove (struct eXosip_t * excontext,
int   rid
)

Remove existing registration without sending REGISTER.

Parameters

    excontext eXosip_t instance.

    rid   A unique identifier for the registration context