

# eXosip2 OPTIONS and UA capabilities Management

SIP messages and call control API

## Functions

```
int eXosip_options_build_request (struct eXosip_t *excontext, osip_message_t **options, const char
    *to, const char *from, const char *route)
int eXosip_options_send_request (struct eXosip_t *excontext, osip_message_t *options)
int eXosip_options_build_answer (struct eXosip_t *excontext, int tid, int status, osip_message_t
    **answer)
int eXosip_options_send_answer (struct eXosip_t *excontext, int tid, int status, osip_message_t
    *answer)
```

## Detailed Description

### Function Documentation

```
int eXosip_options_build_request ( struct eXosip_t * excontext,
                                   osip_message_t ** options,
                                   const char * to,
                                   const char * from,
                                   const char * route
                                   )
```

Build a default OPTIONS message.

#### Parameters

**excontext** eXosip\_t instance.  
**options** Pointer for the SIP request to build.  
**to** SIP url for callee.  
**from** SIP url for caller.  
**route** Route header for INVITE. (optional)

```
int eXosip_options_send_request ( struct eXosip_t * excontext,
                                   osip_message_t * options
                                   )
```

Send an OPTIONS request.

#### Parameters

**excontext** eXosip\_t instance.  
**options** SIP OPTIONS message to send.

```

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

```

Build answer for an OPTIONS request.

#### Parameters

**excontext** eXosip\_t instance.  
**tid** id of OPTIONS transaction.  
**status** status for SIP answer to build.  
**answer** The SIP answer to build.

```

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

```

Send answer for an OPTIONS request.

#### Parameters

**excontext** eXosip\_t instance.  
**tid** id of OPTIONS transaction.  
**status** status for SIP answer to send.  
**answer** The SIP answer to send. (default will be sent if NULL)