pa Module

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Revision History

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Chapter 1. User's Guide

1.1. Overview

This module implements a presence server, i.e. entity that receives SUBSCRIBE messages and sends NOTIFY when presence status of a user changes. Currently the presence server can be connected to registrar and jabber module so SIP users can see presence of jabber users.

This module currently cannot work as a B2BUA, i.e. it cannot subsribe to presence of users using SIP. We are currently working on that feature.

1.2. Dependencies

1.2.1. SER Modules

The following modules must be loaded before this module:

- *No dependencies on other SER modules.*

1.2.2. External Libraries or Applications

The following libraries or applications must be installed before running SER with this module loaded:

- *None.*

1.3. Exported Parameters

1.3.1. `default_expires` (integer)

Default expires value to be used when the client doesn't supply one (in seconds).

Default value is "3600".

Example 1-1. Set `default_expires` parameter

```
...
modparam("pa", "default_expires", 3600)
```

```
...
```

1.4. Exported Functions

1.4.1. `handle_subscription(domain)`

This function processes SUBSCRIBE and generates NOTIFY.

Meaning of the parameters is as follows:

- *domain* - This can be either "registrar" or "jabber".

Example 1-2. `handle_subscription` usage

```
...
handle_subscription("jabber");
...
```

Chapter 2. Developer's Guide

The module does not provide any sort of API to use in other SER modules.

Chapter 3. Frequently Asked Questions

1. Where can I find more about SER?

Take a look at http://iptel.org/ser.

2. Where can I post a question about this module?

First at all check if your question was already answered on one of our mailing lists:

- http://mail.iptel.org/mailman/listinfo/serusers
- http://mail.iptel.org/mailman/listinfo/serdev

E-mails regarding any stable version should be sent to <serusers@iptel.org> and e-mail regarding development versions or CVS snapshots should be send to <serdev@iptel.org>.

If you want to keep the mail private, send it to <serhelp@iptel.org>.

3. How can I report a bug?

Please follow the guidelines provided at: http://iptel.org/ser/bugs