

group Module

Jan Janak
FhG FOKUS

Edited by
Jan Janak

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Edited by and Jan Janakand Jan Janak

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Revision History

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Chapter 1. User's Guide

1.1. Overview

This module export functions necessary for group membership checking. There is a database table that contains list of users and groups they belong to. The table is used by functions of this module.

1.2. Dependencies

1.2.1. SER Modules

The following modules must be loaded before this module:

- A database module.

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. `db_url` (string)

URL of the database table to be used.

Default value is "sql://serro:47serro11@localhost/ser".

Example 1-1. Set `db_url` parameter

```
...  
modparam("group", "db_url", "sql://username:password@dbhost/ser")  
...
```

1.3.2. table (string)

Name of the table holding groups and their members.

Default value is "grp".

Example 1-2. Set table parameter

```
...  
modparam("group", "table", "grp_table")  
...
```

1.3.3. user_column (string)

Name of the column holding usernames.

Default value is "username".

Example 1-3. Set user_column parameter

```
...  
modparam("group", "user_column", "user")  
...
```

1.3.4. domain_column (string)

Name of the column holding domains.

Default value is "domain".

Example 1-4. Set domain_column parameter

```
...  
modparam("group", "domain_column", "realm")  
...
```

1.3.5. group_column (string)

Name of the column holding groups.

Default value is "grp".

Example 1-5. Set `group_column` parameter

```
...
modparam("group", "group_column", "grp")
...
```

1.3.6. `use_domain` (integer)

If set to 1 then `username@domain` will be used for lookup, if set to 0 then only `username` will be used.

Default value is 0 (no).

Example 1-6. Set `use_domain` parameter

```
...
modparam("group", "use_domain", 1)
...
```

1.4. Exported Functions**1.4.1. `is_user_in`(URI, group)**

The function returns true if `username` in the given `URI` is member of the given `group` and false if not.

Meaning of the parameters is as follows:

- *URI* - URI whose `username` and optionally `domain` to be used, this can be one of:
 - Request-URI - Use Request-URI `username` and (optionally) `domain`.
 - To - Use To `username` and (optionally) `domain`.
 - From - Use From `username` and (optionally) `domain`.
 - Credentials - Use digest credentials `username`.
- *group* - Name of the `group` to check.

Example 1-7. `is_user_in` usage

```
...
if (is_user_in("Request-URI", "ld")) {
    ...
};
...
```

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>](mailto:serusers@iptel.org) and e-mail regarding development versions or CVS snapshots should be sent to [<serdev@iptel.org>](mailto:serdev@iptel.org).

If you want to keep the mail private, send it to [<serhelp@iptel.org>](mailto:serhelp@iptel.org).

3. How can I report a bug?

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