

# **uri Module**

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# Chapter 1. User's Guide

## 1.1. Overview

Various checks related to SIP URI.

## 1.2. Dependencies

### 1.2.1. SER Modules

The following modules must be loaded before this module:

- *a SER 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 to be used.

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

#### **Example 1-1. Set `db_url` parameter**

```
...  
modparam("module", "db_url", "sql://username:password@localhost/ser")  
...
```

### 1.3.2. uri\_table (string)

Table containing list of allowed URIs for each user.

*Default value is "uri".*

#### Example 1-2. Set uri\_table parameter

```
...
modparam("module", "uri_table", "uri")
...
```

### 1.3.3. uri\_user\_column (string)

Column holding usernames in the URI table.

*Default value is "username".*

#### Example 1-3. Set uri\_user\_column parameter

```
...
modparam("module", "uri_user_column", "username")
...
```

### 1.3.4. uri\_domain\_column (string)

Column holding domain in the URI table.

*Default value is "domain".*

#### Example 1-4. Set uri\_domain\_column parameter

```
...
modparam("module", "uri_domain_column", "domain")
...
```

### 1.3.5. uri\_uriuser\_column (string)

Column holding URI username in the URI table.

*Default value is "uri\_user".*

**Example 1-5. Set uri\_uriuser\_column parameter**

```
...  
modparam("module", "uri_uriuser_column", "uri_user")  
...
```

### **1.3.6. subscriber\_table (string)**

Name of the subscriber table.

*Default value is "subscriber".*

**Example 1-6. Set subscriber\_table parameter**

```
...  
modparam("module", "subscriber_table", "subscriber")  
...
```

### **1.3.7. subscriber\_user\_column (string)**

Column holding username in subscriber table.

*Default value is "username".*

**Example 1-7. Set subscriber\_user\_column parameter**

```
...  
modparam("module", "subscriber_user_column", "username")  
...
```

### **1.3.8. subscriber\_domain\_column (string)**

Column holding domains in the subscriber table.

*Default value is "domain".*

**Example 1-8. Set subscriber\_domain\_column parameter**

```
...  
modparam("module", "subscriber_domain_column", "domain")  
...
```

## 1.4. Exported Functions

### 1.4.1. `is_user(username)`

Check if the username in credentials matches the given username.

Meaning of the parameters is as follows:

- *username* - Username string.

#### Example 1-9. `is_user` usage

```
...
if (is_user("jan")) {
    ...
};
...
```

### 1.4.2. `check_to()`

Check To username against URI table or digest credentials.

#### Example 1-10. `check_to` usage

```
...
if (check_to()) {
    ...
};
...
```

### 1.4.3. `check_from()`

Check From username against URI table or digest credentials.

#### Example 1-11. `check_from` usage

```
...
if (check_from()) {
    ...
};
...
```



### 1.4.4. `does_uri_exist()`

Check if username in the request URI belongs to an existing user.

#### **Example 1-12. `does_uri_exist` usage**

```
...  
if (does_uri_exist()) {  
    ...  
};  
...
```

## 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 send 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>