

# mod\_abstraction

## About

mod\_abstraction links a new API function to another using a regular expression parser to adapt the provided arguments. It allows for simplified, standardized script replacement API.



You MUST reload mod\_abstraction when changing the XML to add or remove an API, or else they won't be created or removed. Destination settings and parsing can be changed in real time.

## Usage

This defines what API link should be created and what to do once executed.

```
<api name="user_name" description="Return Name for extension" syntax="<exten>" parse="(.)" destination="user_data" argument="$1@default var effective_caller_id_name"/>
```

- name - API name
- description - API description
- syntax - API Syntax
- parse - Regex parsing the original argument provided
- destination - The API name of the final api execution
- argument - Format for the argument sent to the final API. You can use \$1 \$2 \$3... from the () result of the parse regex

## Security

With [mod\\_event\\_socket](#) per-user API restriction, this can be useful to limit the capabilities a user can have over some API commands by restricting certain parameters a user can do.

## Examples

Here are 2 examples:

tts\_path(<text>) could be rewritten to python(tts2wav <text>)

user\_password(<id>) could be rewritten to user\_data(<id> param password)