mod_dptools: deflect

About

Deflect sends a SIP REFER to the originator of an answered call.The deflect application allows FreeSWITCH™ to be removed from the list of connection hops and tell the originator to reroute the call. When using the deflect application, FreeSWITCH first hangs up (*) the channel and then sends a REFER message and a new INVITE message to the originator. The originator, which could be a gateway or SIP proxy, should read the INVITE and reroute the call accordingly.

(*) Starting with FreeSWITCH 1.10.7, a variable named *sip_refer_continue_after_reply* is introduced, if `True`, will let the current call continues as is, after sending the REFER message. This is useful when testing rfc4579 REFER method to request a Focus to Add a New Resource to a Conference

Usage

The only parameter should be the SIP URI to contact (with or without "sip:")

```
<action application="deflect" data="sip:someone@somewhere.com" />
```

> ⚠ **Important**
>
> Refer can only be used on established calls. That means if the channel has been answered (using the answer app), you can use deflect to send a REFER message back to the originating URI. If If the channel has not been answered, then you should use the redirect application to route the call.

Refer

REFER is a SIP method as defined by [RFC 3515](#). The REFER method indicates that the recipient (identified by the Request-URI) should contact a third party using the contact information provided in the request.

> ⓘ Although this is not "deflect" related, but REFER related, it can be useful to know you can retrieve variables with [Variable_export_vars](#) in the a-leg from your initial INVITE when the REFER method hits the dialplan.

See also

- [mod_dptools: redirect](#)
- [sip_refer_continue_after_reply](#)