

# REST API of UserRegistry (registration/invitation and password reset/change)

## Basics

The UserRegistry Service is reachable at: {YOUR\_APP\_URL}/\$dwo3rd-userregistry-api/registration)

## Actions

### Selfregistration

Actionname:	register
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=register
Purpose:	Selfregistration of a user
Method:	POST
Parameter	{ firstname: "Hans", lastname: "Muster", email: "hans.muster@acme.com", password: "supersecrete",  confiormation: "supersecrete" }
Response	JSON Response with status or validation error  Mail is send to activate the user

### Possible Errors

Error	ResponseType
Missing attributes: <ul style="list-style-type: none"><li>▪ firstname</li><li>▪ lastname</li><li>▪ email</li><li>▪ password</li><li>▪ conformation</li></ul>	JSON (validation error)
Password complexity	JSON (validation error)

### Invitation

Actionname:	invite
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=invite
Purpose:	Invitation for a user
Method:	POST
Parameter	{ firstname: "Hans", lastname: "Muster", email: "hans.muster@acme.com", }

Response	JSON Response with status or validation error Mail is send to accept the invitation
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### Possible Errors

Error	ResponseType
Missing attributes: <ul style="list-style-type: none"> <li>• firstname</li> <li>• lastname</li> <li>• email</li> </ul>	JSON (validation error)
E-Mail send error	JSON (validation error)

### Activate my User

Actionname:	activate
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=activate&id={confirmationid}
Purpose:	Activate a user after selfregistration
Method:	GET
Parameter	id={confirmationid} --> id of the confirmation mail
Response	JSON Response with status or validation error Mail is send to accept the invitation

### Possible Errors

Error	ResponseType
No User found for this confirmation id	JSON (validation error)
User is already active	JSON (validation error)

### Activate an invited user

Actionname:	activateinviteduser
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=activateinviteduser&id={confirmationid}
Purpose:	Finalize the registration of an invited user
Method:	POST
Parameter	{ firstname: "Hans", lastname: "Muster", password: "supersecrete" confirmation: "supersecrete" }
Response	JSON Response with status or validation error Mail is send to accept the invitation

### Possible Errors

Error	ResponseType
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Missing attributes:	JSON (validation error)
<ul style="list-style-type: none"> <li>• firstname</li> <li>• lastname</li> <li>• password</li> <li>• confirmation</li> </ul>	
Password complexity	JSON (validation error)

## Change Password

Actionname:	changepassword
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=changepassword
Purpose:	Changes the password of the current user
Method:	POST
Payload	<pre>{   oldpassword: "suppipw",   password:"newsuppipw",   confirmation:"newsuppipw" }</pre>
Response	JSON Response with status or validation error

## Possible Errors

Error	ResponseType
Missing attributes:	JSON (validation error)
<ul style="list-style-type: none"> <li>▪ oldpassword</li> <li>▪ password</li> <li>▪ confirmation</li> </ul>	
Password complexity	JSON (validation error)

## Forgotten Password

Actionname:	newpassword
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=newpassword
Purpose:	Asks for a new password
Method:	POST
Payload	<pre>{   email:"hans.muster@acme.com" }</pre>
Response	JSON Response with status or validation error

## Possible Errors

Error	ResponseType
No User found with current mailadress	JSON (validation error)

## Activate new password

Actionname:	activatenewpassword
Example-URL	{YOUR_APP_URL}/\$dwo3rd-userregistry-api/registration?action=newpassword?action=activatenewpassword&id={confirmationid}
Purpose:	Resets the password to a new one
Method:	POST
Parameter	{ password: 'newpw', confirmation: 'newpw' }
Response	JSON Response with status or validation error

### Possible Errors

Error	ResponseType
Password complexity	ExceptionResponse
No request with this id	

### Response

#### Data

The Response can contain following fields, please refer to the Responsetable below for more information about the Response contents.

Fieldname	Type	Content	optional
status	String	the status of the request	no
error	String	The Error clearname	yes
messages	Array of String	Messages related to this request	yes
trace	String	The Stacktrace of the error as a String	yes
action	String	Current executed action	yes

### Responsetypes Success

Name	Fields	Status
ProfileOkResponse	status, profile	ok
EmptyOkResponse	status	ok

### ResponseTypes Error

Name	Fields	Status
ErrorResponse	status, error	error
ExceptionResponse	status, error, trace, profile	error
ValidationFailedResponse	status, error, messages, profile	validationfailed

### Guides

- [Using the ProfileRegistry to manage current UserProfile](#)
- [Using the ProfileRegistry to register and activate UserProfiles](#)