UHGroupings REST API

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Chapter 1. Overview

Access Grouper through the UHGroupings API.

1.1. Version information

Version : version 2.1

1.2. Contact information

Contact : University of Hawaii
Contact Email : ITS-IAM-WEB-APP-DEV-HELP-L@LISTS.HAWAII.EDU

1.3. License information

License : License of API (no link yet)
License URL : API license URL (replace me)
Terms of service : Terms of service URL (replace me)

1.4. URI scheme

Host : localhost
BasePath : /

1.5. Tags

- basic-error-controller : Basic Error Controller

- groupings-rest-controllerv-2_1 : Groupings Rest Controllerv 2_1

- home-controller : Home Controller

- operation-handler : Operation Handler

- web-mvc-endpoint-handler-mapping : Web Mvc Endpoint Handler Mapping

Chapter 2. Resources

2.1. Basic-error-controller

Basic Error Controller

2.1.1. errorHtml

```
POST /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `text/html`

2.1.2. errorHtml

```
GET /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `text/html`

2.1.3. errorHtml

```
PUT /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `text/html`

2.1.4. errorHtml

```
DELETE /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `text/html`

2.1.5. errorHtml

```
PATCH /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `text/html`

2.1.6. errorHtml

```
HEAD /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `text/html`

2.1.7. errorHtml

```
OPTIONS /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `text/html`

2.2. Groupings-rest-controllerv-2_1

Groupings Rest Controllerv 2_1

2.2.1. hello

```
GET /api/groupings/v2.1/
```

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `/`

2.2.2. addNewAdmin

```
POST /api/groupings/v2.1/admins/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	GroupingsService Result
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.3. deleteNewAdmin

```
DELETE /api/groupings/v2.1/admins/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	GroupingsService Result

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `application/json`

2.2.4. adminsGroupings

```
GET /api/groupings/v2.1/adminsGroupings
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string

Responses

HTTP Code	Description	Schema
200	OK	AdminListsHolder
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.5. addNewGrouping

```
POST /api/groupings/v2.1/groupings/{path}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string

Responses

HTTP Code	Description	Schema
200	OK	< GroupingsService Result > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.6. getGrouping

```
GET /api/groupings/v2.1/groupings/{path}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Query	**isAscending** *optional*	isAscending	boolean
Query	**page** *optional*	page	integer(int32)
Query	**size** *optional*	size	integer(int32)
Query	**sortString** *optional*	sortString	string

Responses

HTTP Code	Description	Schema
200	OK	Grouping

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.7. deleteNewGrouping

```
DELETE /api/groupings/v2.1/groupings/{path}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string

Responses

HTTP Code	Description	Schema
200	OK	< GroupingsService Result > array
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `application/json`

2.2.8. getGroup

```
GET /api/groupings/v2.1/groupings/{path}/components/{componentId}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**componentId** *required*	componentId	string
Path	**path** *required*	path	string

Responses

HTTP Code	Description	Schema
200	OK	Group
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.9. getAsyncMembers

```
GET /api/groupings/v2.1/groupings/{path}/components/{componentId}/async
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**componentId** *required*	componentId	string
Path	**path** *required*	path	string

Responses

HTTP Code	Description	Schema
200	OK	Group
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.10. searchMembers

```
GET /api/groupings/v2.1/groupings/{path}/components/{componentId}/members/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**componentId** *required*	componentId	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< Person > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.11. excludeMembers

```
PUT /api/groupings/v2.1/groupings/{path}/excludeMembers/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string

Type	Name	Description	Schema
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< [GroupingsService Result](#) > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.12. deleteExclude

```
DELETE /api/groupings/v2.1/groupings/{path}/excludeMembers/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	[GroupingsService Result](#)
204	No Content	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `application/json`

2.2.13. optOut

```
PUT /api/groupings/v2.1/groupings/{path}/excludeMembers/{uid}/self
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< [GroupingsService Result](#) > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.14. includeMembers

```
PUT /api/groupings/v2.1/groupings/{path}/includeMembers/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< GroupingsServiceResult > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.15. deleteInclude

```
DELETE /api/groupings/v2.1/groupings/{path}/includeMembers/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string

Type	Name	Description	Schema
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	[GroupingsService Result](#)
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `application/json`

2.2.16. optIn

```
PUT /api/groupings/v2.1/groupings/{path}/includeMembers/{uid}/self
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< [GroupingsService Result](#) > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.17. addManager

```
PUT /api/groupings/v2.1/groupings/{path}/managers/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	RedirectView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.18. deleteManager

```
DELETE /api/groupings/v2.1/groupings/{path}/managers/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	RedirectView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `application/json`

2.2.19. disableManagerPermission

```
PUT /api/groupings/v2.1/groupings/{path}/managers/{uid}/permissions/{id}/disable
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**id** *required*	id	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	RedirectView

HTTP Code	Description	Schema
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.20. enableManagerPermission

```
PUT /api/groupings/v2.1/groupings/{path}/managers/{uid}/permissions/{id}/enable
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**id** *required*	id	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	RedirectView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.21. promoteManager

```
PUT /api/groupings/v2.1/groupings/{path}/managers/{uid}/promote
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	RedirectView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.22. addOwner

```
PUT /api/groupings/v2.1/groupings/{path}/owners/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string

Type	Name	Description	Schema
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	GroupingsService Result
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.23. deleteOwner

```
DELETE /api/groupings/v2.1/groupings/{path}/owners/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	GroupingsService Result

HTTP Code	Description	Schema
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Produces

- `application/json`

2.2.24. demoteOwner

```
PUT /api/groupings/v2.1/groupings/{path}/owners/{uid}/demote
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	RedirectView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.25. disablePreference

```
PUT /api/groupings/v2.1/groupings/{path}/preferences/{preferenceId}/disable
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string
Path	**preferenceId** *required*	preferenceId	string

Responses

HTTP Code	Description	Schema
200	OK	< GroupingsService Result > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.26. enablePreference

```
PUT /api/groupings/v2.1/groupings/{path}/preferences/{preferenceId}/enable
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**path** *required*	path	string

Type	Name	Description	Schema
Path	**preferenceId** *required*	preferenceId	string

Responses

HTTP Code	Description	Schema
200	OK	< [GroupingsService Result](#) > array
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/json`

2.2.27. managerGroupings

```
GET /api/groupings/v2.1/managers/{uid}/groupings
```

Parameters

Type	Name	Description	Schema
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	[RedirectView](#)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.28. memberAttributes

```
GET /api/groupings/v2.1/members/{uid}
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< string, string > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.29. memberGroupings

```
GET /api/groupings/v2.1/members/{uid}/groupings
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	MembershipAssignment
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.2.30. ownerGroupings

```
GET /api/groupings/v2.1/owners/{uid}/groupings
```

Parameters

Type	Name	Description	Schema
Header	**current_user** *required*	current_user	string
Path	**uid** *required*	uid	string

Responses

HTTP Code	Description	Schema
200	OK	< Grouping > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`

2.3. Home-controller

Home Controller

2.3.1. home

```
GET /
```

Parameters

Type	Name	Description	Schema
Query	**ISO3Country** *optional*		string
Query	**ISO3Language** *optional*		string
Query	**country** *optional*		string
Query	**displayCountry** *optional*		string
Query	**displayLanguage** *optional*		string
Query	**displayName** *optional*		string
Query	**displayScript** *optional*		string
Query	**displayVariant** *optional*		string
Query	**language** *optional*		string
Query	**model** *optional*	model	object
Query	**script** *optional*		string
Query	**unicodeLocaleAttributes** *optional*		< string > array(multi)
Query	**unicodeLocaleKeys** *optional*		< string > array(multi)
Query	**variant** *optional*		string

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content

HTTP Code	Description	Schema
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

2.3.2. home

```
GET /home
```

Parameters

Type	Name	Description	Schema
Query	**ISO3Country** *optional*		string
Query	**ISO3Language** *optional*		string
Query	**country** *optional*		string
Query	**displayCountry** *optional*		string
Query	**displayLanguage** *optional*		string
Query	**displayName** *optional*		string
Query	**displayScript** *optional*		string
Query	**displayVariant** *optional*		string
Query	**language** *optional*		string
Query	**model** *optional*	model	object
Query	**script** *optional*		string
Query	**unicodeLocale Attributes** *optional*		< string > array(multi)

Type	Name	Description	Schema
Query	**unicodeLocale Keys** *optional*		< string > array(multi)
Query	**variant** *optional*		string

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

2.3.3. login

```
GET /login
```

Parameters

Type	Name	Schema
Query	**ISO3Country** *optional*	string
Query	**ISO3Language** *optional*	string
Query	**country** *optional*	string
Query	**displayCountry** *optional*	string
Query	**displayLanguage** *optional*	string
Query	**displayName** *optional*	string
Query	**displayScript** *optional*	string
Query	**displayVariant** *optional*	string

Type	Name	Schema
Query	**language** *optional*	string
Query	**script** *optional*	string
Query	**unicodeLocaleAttributes** *optional*	< string > array(multi)
Query	**unicodeLocaleKeys** *optional*	< string > array(multi)
Query	**variant** *optional*	string

Responses

HTTP Code	Description	Schema
200	OK	string
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- /

2.4. Operation-handler

Operation Handler

2.4.1. handle

```
GET /actuator/health
```

Parameters

Type	Name	Description	Schema
Body	**body** *optional*	body	< string, string > map

Responses

HTTP Code	Description	Schema
200	OK	object

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/vnd.spring-boot.actuator.v2+json`

2.4.2. handle

```
GET /actuator/info
```

Parameters

Type	Name	Description	Schema
Body	**body** *optional*	body	< string, string > map

Responses

HTTP Code	Description	Schema
200	OK	object
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/vnd.spring-boot.actuator.v2+json`

2.5. Web-mvc-endpoint-handler-mapping

Web Mvc Endpoint Handler Mapping

2.5.1. links

```
GET /actuator
```

Responses

HTTP Code	Description	Schema
200	OK	< string, < string, Link > map > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Produces

- `application/json`
- `application/vnd.spring-boot.actuator.v2+json`

Chapter 3. Definitions

3.1. AdminListsHolder

Name	Schema
adminGroup *optional*	Group
allGroupings *optional*	< Grouping > array

3.2. ApplicationContext

Name	Schema
applicationName *optional*	string
autowireCapableBeanFactory *optional*	AutowireCapableBeanFactory
beanDefinitionCount *optional*	integer(int32)
beanDefinitionNames *optional*	< string > array
classLoader *optional*	ClassLoader
displayName *optional*	string
environment *optional*	Environment
id *optional*	string
parent *optional*	ApplicationContext
parentBeanFactory *optional*	BeanFactory
startupDate *optional*	integer(int64)

3.3. AutowireCapableBeanFactory

Type : object

3.4. BeanFactory

Type : object

3.5. ClassLoader

Name	Schema
parent *optional*	ClassLoader

3.6. Environment

Name	Schema
activeProfiles *optional*	< string > array
defaultProfiles *optional*	< string > array

3.7. Group

Name	Schema
members *optional*	< Person > array
path *optional*	string

3.8. Grouping

Name	Schema
basis *optional*	Group
composite *optional*	Group
exclude *optional*	Group
include *optional*	Group
listservOn *optional*	boolean
name *optional*	string
optInOn *optional*	boolean

Name	Schema
optOutOn *optional*	boolean
owners *optional*	Group
path *optional*	string
releasedGroupingOn *optional*	boolean

3.9. GroupingsServiceResult

Name	Schema
action *optional*	string
resultCode *optional*	string

3.10. Link

Name	Schema
href *optional*	string
templated *optional*	boolean

3.11. Map«string,Link»

Type : < string, Link > map

3.12. MembershipAssignment

Name	Schema
groupingsIn *optional*	< Grouping > array
groupingsToOptInTo *optional*	< Grouping > array

3.13. ModelAndView

Name	Schema
empty *optional*	boolean
model *optional*	object
modelMap *optional*	< string, object > map
reference optional	boolean
status *optional*	enum (100, 101, 102, 103, 200, 201, 202, 203, 204, 205, 206, 207, 208, 226, 300, 301, 302, 303, 304, 305, 307, 308, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 426, 428, 429, 431, 451, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511)
view *optional*	View
viewName *optional*	string

3.14. Person

Name	Schema
firstName *optional*	string
lastName *optional*	string
name *optional*	string
username *optional*	string
uuid *optional*	string

3.15. RedirectView

Name	Schema
applicationContext *optional*	ApplicationContext
attributesMap *optional*	object
beanName *optional*	string

Name	Schema
contentType *optional*	string
exposePathVariables *optional*	boolean
hosts *optional*	< string > array
propagateQueryProperties *optional*	boolean
redirectView *optional*	boolean
requestContextAttribute *optional*	string
staticAttributes *optional*	object
url *optional*	string

3.16. View

Name	Schema
contentType *optional*	string