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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-links-handler : Web Mvc Links Handler

# **Chapter 2. Resources**

# 2.1. Basic-error-controller

**Basic Error Controller** 

### 2.1.1. error

POST /error

### Responses

HTTP Code	Description	Schema
200	ОК	< string, object > map
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

### **Consumes**

application/json

### **Produces**

• /

### 2.1.2. error

GET /error

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

### **Produces**

• /

# 2.1.3. error

PUT /error

## Responses

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

## Consumes

• application/json

### **Produces**

• /

# 2.1.4. error

DELETE /error

# Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

### **Produces**

• /

# 2.1.5. error

PATCH /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

### **Consumes**

• application/json

## **Produces**

• /

# 2.1.6. error

HEAD /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

### Consumes

application/json

### **Produces**

• /

## 2.1.7. error

OPTIONS /error

## Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

#### **Consumes**

• application/json

### **Produces**

• /

# ${\bf 2.2.\ Groupings\text{-}rest\text{-}controllerv\text{-}2\_1}$

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**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>uid</b> 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}

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	ОК	GroupingsService Result
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	ок	AdminListsHolder
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

### **Produces**

• application/json

# 2.2.5. getSyncDestinations

GET /api/groupings/v2.1/groupings/syncDestinations

Type	Name	Description	Schema
Header	current_user required	current_user	string

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

### **Produces**

• application/json

# 2.2.6. 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	<pre>&lt; GroupingsService Result &gt; array</pre>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

### Consumes

• application/json

### **Produces**

• application/json

# 2.2.7. getGrouping

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

#### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>path</b> required	path	string
Query	isAscending optional	isAscending	boolean
Query	<b>page</b> optional	page	integer(int32)
Query	size optional	size	integer(int32)
Query	sortString optional	sortString	string

## Responses

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

### **Produces**

application/json

# 2.2.8. deleteNewGrouping

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

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

HTTP Code	Description	Schema
200	OK	<ul><li>GroupingsService</li><li>Result &gt; array</li></ul>
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

### **Produces**

• application/json

# 2.2.9. updateDescription

PUT /api/groupings/v2.1/groupings/{path}/description

### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>path</b> required	path	string
Body	dtoString optional	dtoString	string

HTTP Code	Description	Schema
200	OK	GroupingsService Result
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

### **Consumes**

application/json

### **Produces**

• application/json

## 2.2.10. excludeMembers

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

### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

## Responses

HTTP Code	Description	Schema
200	ОК	<pre></pre>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

#### **Consumes**

• application/json

### **Produces**

• application/json

# 2.2.11. deleteExclude

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

#### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	path required	path	string
Path	<b>uid</b> 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

# 2.2.12. optOut

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

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	path required	path	string
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	ОК	<pre>&lt; GroupingsService Result &gt; array</pre>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

### **Consumes**

• application/json

## **Produces**

• application/json

# 2.2.13. includeMembers

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

### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	path required	path	string
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	OK	<pre>&lt; GroupingsService Result &gt; array</pre>
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. deleteInclude

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

#### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	path required	path	string
Path	<b>uid</b> required	uid	string

### Responses

HTTP Code	Description	Schema
200	ОК	GroupingsService Result
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

### **Produces**

• application/json

# 2.2.15. optIn

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

Туре	Name	Description	Schema
Header	current_user required	current_user	string

Type	Name	Description	Schema
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	OK	<pre>&lt; GroupingsService Result &gt; array</pre>
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

### **Consumes**

• application/json

### **Produces**

• application/json

# ${\bf 2.2.16.\ include Multiple Members}$

PUT /api/groupings/v2.1/groupings/{path}/includeMultipleMembers/{uids}

### **Parameters**

Type	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>path</b> required	path	string
Path	uids required	uids	string

HTTP Code	Description	Schema
200	ОК	<pre>&lt; GroupingsService Result &gt; array</pre>
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	<pre>current_user required</pre>	current_user	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

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**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	path required	path	string
Path	<b>uid</b> required	uid	string

### Responses

HTTP Code	Description	Schema
200	ок	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

Type	Name	Description	Schema
Header	current_user required	current_user	string

Туре	Name	Description	Schema
Path	<b>id</b> required	id	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

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

### **Consumes**

• application/json

### **Produces**

• application/json

# 2.2.20. 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	<b>id</b> required	id	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	ок	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**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> 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
Path	path required	path	string
Path	<b>uid</b> 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}

Type	Name	Description	Schema
Header	<pre>current_user required</pre>	current_user	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

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

### **Produces**

• application/json

## 2.2.24. demoteOwner

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

### **Parameters**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>path</b> required	path	string
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	ОК	RedirectView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
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**

Туре	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	ОК	<pre>&lt; GroupingsService Result &gt; array</pre>
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**

Туре	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	ОК	<pre>&lt; GroupingsService Result &gt; array</pre>
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

Type	Name	Description	Schema
Path	<b>uid</b> required	uid	string

HTTP Code	Description	Schema
200	ок	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	<b>uid</b> required	uid	string

## Responses

HTTP Code	Description	Schema
200	ОК	< 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	<b>uid</b> required	uid	string

# Responses

HTTP Code	Description	Schema
200	OK	MembershipAssig nment
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**

Туре	Name	Description	Schema
Header	current_user required	current_user	string
Path	<b>uid</b> required	uid	string

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 /

Туре	Name	Description	Schema
Query	<b>ISO3Country</b> optional		string
Query	<b>ISO3Language</b> optional		string
Query	<b>country</b> optional		string
Query	displayCountr y optional		string
Query	displayLangua ge optional		string
Query	displayName optional		string
Query	<b>displayScript</b> optional		string
Query	displayVariant optional		string
Query	language optional		string
Query	<b>model</b> optional	model	object
Query	script optional		string
Query	unicodeLocale Attributes optional		< string > array(multi)
Query	unicodeLocale Keys optional		< string > array(multi)

Туре	Name	Description	Schema
Query	variant optional		string

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

## **Produces**

• /

# 2.3.2. home

GET /home

Туре	Name	Description	Schema
Query	<b>ISO3Country</b> optional		string
Query	ISO3Language optional		string
Query	<b>country</b> optional		string
Query	displayCountr y optional		string
Query	displayLangua ge optional		string
Query	displayName optional		string
Query	displayScript optional		string
Query	displayVariant optional		string
Query	language optional		string

Туре	Name	Description	Schema
Query	model optional	model	object
Query	script optional		string
Query	unicodeLocale Attributes optional		< string > array(multi)
Query	unicodeLocale Keys optional		< string > array(multi)
Query	variant optional		string

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

# **Produces**

• /

# 2.3.3. login

GET /login

Туре	Name	Schema
Query	<b>ISO3Country</b> optional	string
Query	ISO3Language optional	string
Query	<b>country</b> optional	string
Query	displayCountry optional	string
Query	displayLanguage optional	string

Туре	Name	Schema
Query	displayName optional	string
Query	displayScript optional	string
Query	displayVariant optional	string
Query	language optional	string
Query	script optional	string
Query	unicodeLocaleAttributes optional	< string > array(multi)
Query	unicodeLocaleKeys optional	< string > array(multi)
Query	variant optional	string

HTTP Code	Description	Schema
200	ок	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

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

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

### **Produces**

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

# 2.4.2. handle

GET /actuator/health/{component}

### **Parameters**

Type	Name	Description	Schema
Body	<b>body</b> 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

## 2.4.3. handle

GET /actuator/health/{component}/{instance}

### **Parameters**

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

## Responses

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

### **Produces**

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

# 2.4.4. handle

GET /actuator/info

#### **Parameters**

Type	Name	Description	Schema
Body	<b>body</b> 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-links-handler

Web Mvc Links Handler

# 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
<b>beanDefinitionCount</b> optional	integer(int32)
<b>beanDefinitionNames</b> optional	< string > array
classLoader optional	ClassLoader
displayName optional	string
environment optional	Environment
id optional	string
<pre>parent optional</pre>	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
description optional	string
exclude optional	Group
include optional	Group
listservOn optional	boolean
name optional	string

Name	Schema
optInOn optional	boolean
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
<b>href</b> 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 CONTINUE, 101 SWITCHING_PROTOCOLS, 102 PROCESSING, 103 CHECKPOINT, 200 OK, 201 CREATED, 202 ACCEPTED, 203  NON_AUTHORITATIVE_INFORMATION, 204  NO_CONTENT, 205 RESET_CONTENT, 206  PARTIAL_CONTENT, 207 MULTI_STATUS, 208  ALREADY_REPORTED, 226 IM_USED, 300  MULTIPLE_CHOICES, 301 MOVED_PERMANENTLY, 302  FOUND, 302 MOVED_TEMPORARILY, 303 SEE_OTHER, 304 NOT_MODIFIED, 305 USE_PROXY, 307  TEMPORARY_REDIRECT, 308 PERMANENT_REDIRECT, 400 BAD_REQUEST, 401 UNAUTHORIZED, 402  PAYMENT_REQUIRED, 403 FORBIDDEN, 404  NOT_FOUND, 405 METHOD_NOT_ALLOWED, 406  NOT_ACCEPTABLE, 407  PROXY_AUTHENTICATION_REQUIRED, 408  REQUEST_TIMEOUT, 409 CONFLICT, 410 GONE, 411  LENGTH_REQUIRED, 412 PRECONDITION_FAILED, 413  PAYLOAD_TOO_LARGE, 413  REQUEST_ENTITY_TOO_LARGE, 414 URI_TOO_LONG, 414 REQUEST_URI_TOO_LONG, 415  UNSUPPORTED_MEDIA_TYPE, 416  REQUESTED_RANGE_NOT_SATISFIABLE, 417  EXPECTATION_FAILED, 418 L_AM_A_TEAPOT, 419  INSUFFICIENT_SPACE_ON_RESOURCE, 420  METHOD_FAILURE, 421 DESTINATION_LOCKED, 422  UNPROCESSABLE_ENTITY, 423 LOCKED, 424  FAILED_DEPENDENCY, 426 UPGRADE_REQUIRED, 428  PRECONDITION_REQUIRED, 429  TOO_MANY_REQUESTS, 431  REQUEST_HEADER_FIELDS_TOO_LARGE, 451  UNAVAILABLE_FOR_LEGAL_REASONS, 500  INTERNAL_SERVER_ERROR, 501 NOT_IMPLEMENTED, 502 BAD_GATEWAY, 503 SERVICE_UNAVAILABLE, 504  GATEWAY_TIMEOUT, 505  HTTP_VERSION_NOT_SUPPORTED, 506  VARIANT_ALSO_NEGOTIATES, 507  INSUFFICIENT_STORAGE, 508 LOOP_DETECTED, 509  BANDWIDTH_LIMIT_EXCEEDED, 510 NOT_EXTENDED, 511 NETWORK_AUTHENTICATION_REQUIRED)

Name	Schema
view optional	View
viewName optional	string

# **3.14. Person**

Name	Schema
<b>firstName</b> 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
contentType optional	string
exposePathVariables optional	boolean
hosts optional	< string > array
propagateQueryProperties optional	boolean
redirectView optional	boolean
requestContextAttribute optional	string
staticAttributes optional	object

Name	Schema
<b>url</b> optional	string

# 3.16. View

Name	Schema
contentType optional	string