PublicServer

Contains the Express routes for the server responsible for user input as well as serving content.

Author: Aubrey Thenell, Daniel Schroede, Parker Bruni.

Source: Source/app/routes.js, line 1

Methods

(inner) addMeter(meter, savedBuilding) → {Promise}

Function for adding Meters to a building.

Parameters:

Name	Туре	Description
meter	String	id of Meter being added.
savedBuilding	String	id of Building being added to.

Source: Source/app/routes.js, line 1674

Fires:

• event:pushNullMeter

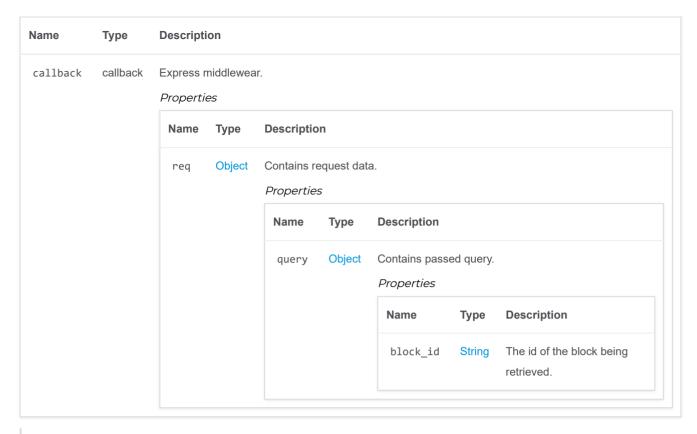
Returns:

Type Promise

(inner) Block/get->api/deleteBlock(path, callback) → {Block}

Route for retrieving a block given an id.

Name	Туре	Description
path	string	Express path.



Returns:

Type Block

(inner) Block/get->api/getBlocksForDashboards(path, callback) → {Array.<Block>}

Route for returning an array of Blocks to populate a Dashboard

Name	Type	Description	on			
path	string	Express p	ath.			
callback	callback		Express middlewear. Properties			
		Name	Туре	Description	n	
		req	req Object Contains request data. Properties		a.	
				Name	Туре	Description
				user	User	contains user to retrieve the blocks of.

Returns:

Type Array.<Block>

(inner) Block/get->api/getUserBlocks(path, callback) → {Array.<Blocks>}

Route for returning a given users blocks.

Parameters:

Name	Туре	Description		
path	string	Express path.		
callback	callback	Express middlewear. Properties		
		Name	Туре	Description
		req.user	User	contains user to retrieve the blocks of.

Source: Source/app/routes.js, line 473

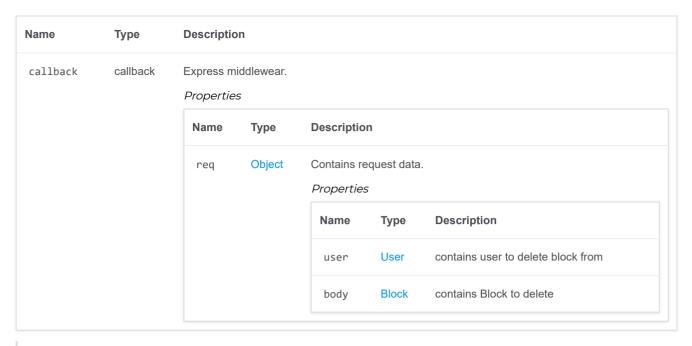
Returns:

Type Array.<Blocks>

(inner) Block/post->api/deleteBlock(path, callback) → {String}

Route for deleting a block from the database and the user's assosciation

Name	Туре	Description
path	string	Express path.



Returns:

Type String

(inner) Block/post->api/getBlocksForDashboards(path, callback) \rightarrow {Array.<Block>}

Route for returning all of the data entries assosciated with a building, given an id

Parameters:

Name	Туре	Descriptio	n			
path	string	Express pa	th.			
callback	callback	Express middlewear. Properties				
		Name	Type	Descriptio	n	
	req		Object	Contains re		
			Name	Туре	Description	
				user	User	contains user to add Block to.

Source: Source/app/routes.js, line 529

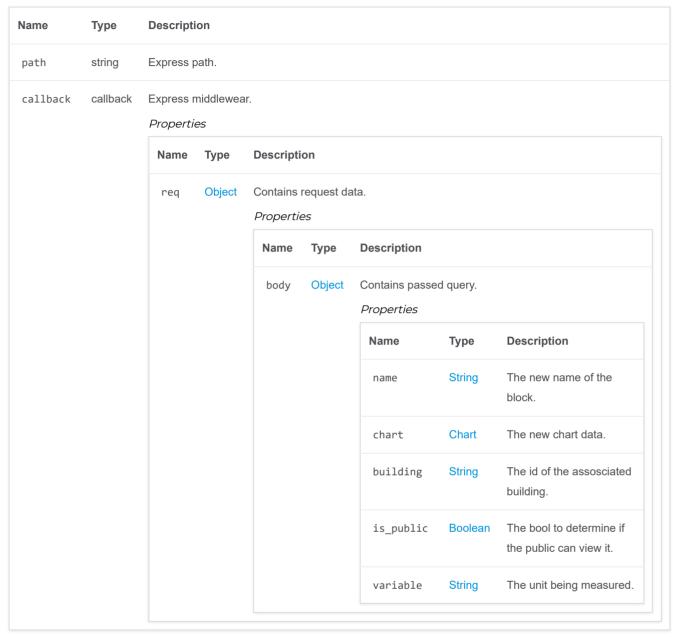
Returns:

Type Array. <Block>

(inner) Block/post->api/updateBlock(path, callback) → {Block}

Route for updating a block given an id.

Parameters:



Source: Source/app/routes.js, line 640

Returns:

Type Block

(inner) Building/get->api/buildings(path, callback) → {Array.<Building>}

Route for returning all of the buildings stored in the database to the application.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source:

Source/app/routes.js, line 164

Returns:

Type

Array.<Building>

(inner) Building/get->api/getBuildingById(path, callback) → {Building}

Route for returning a building given a MongoDB id tag.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source:

Source/app/routes.js, line 185

Returns:

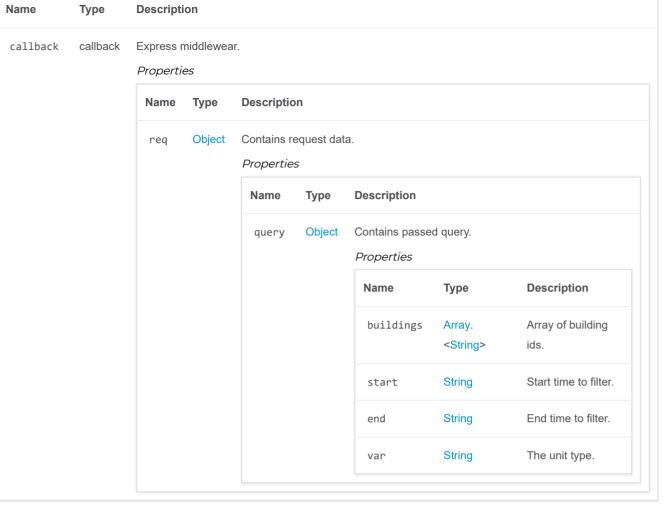
Type

Building

(inner) Building/get->api/getBuildingData(path, callback) → {Object}

Route for returning all of the data entries assosciated with a building, given an id

Name	Туре	Description
path	string	Express path.



Returns:

Type Object

(inner) Building/get->singleLine(path, callback) → {FILE}

Route for returning a single line and returns the html file.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source: Source/app/routes.js, line 446

Returns:

Type FILE

(inner) Building/post->api/addBuilding(path, callback) → {Building}

Route for adding buildings through the application interface.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source:

Source/app/routes.js, line 55

Fires:

- event:updateOldBuildingMeters
- event:addMeter

Returns:

Type Building

(inner) Building/post->api/deleteBuilding(path, callback) → {String}

Route for deleting buildings through the application interface.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source:

Source/app/routes.js, line 126

Returns:

Туре

String

(inner) Building/post->api/toCSV() → {FILE}

Route for exporting building data to a csv file.

Name	Туре	Description
callback.req.query.buildings	Array. <string></string>	Array of building ids.

Name	Туре	Description
callback.req.query.start	String	Start time to filter.
callback.req.query.end	String	End time to filter.

Source:

Source/app/routes.js, line 1349

Returns:

Type FILE

(inner) Building/post->api/updateBuilding(path, callback) → {Building}

Route for updating buildings through the application interface.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source:

Source/app/routes.js, line 86

Fires:

- event:updateOldBuildingMeters
- event:addMeter

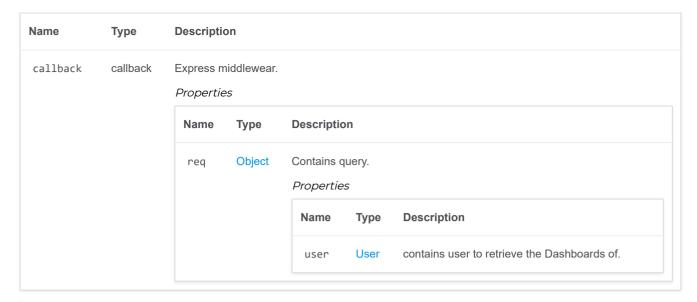
Returns:

Type Building

(inner) Dashboard/get->api/getDashboardNames(path, callback) → {Array.<Dashboard>}

Route for getting the names of a given User's Dashboards.

Name	Туре	Description
path	string	Express path.



Returns:

Type Array. <Dashboard>

(inner) Dashboard/get->api/getDashboards(path, callback) → {Array.<Dashboard>}

Route for returning a given users dashboards.

Parameters:

Name	Туре	Description	on					
path	string	Express p	Express path.					
callback	callback	Express middlewear. Properties						
		Name	Туре	Description	on			
		req	Object	Contains query. Properties				
				Name	Туре	Description		
				user	User	contains user to retrieve the Dashboards of.		

Source: Source/app/routes.js, line 731

Returns:

Type Array.<Dashboard>

(inner) Dashboard/get->api/getPublicDashboards(path, callback) \rightarrow {Array. <Dashboard>}

Route for returning the Dashboards labeled public.

Parameters:

Name	Туре	Description	on					
path	string	Express pa	Express path.					
callback	callback	Express middlewear. Properties						
		Name	Туре	Description	on			
		req	Object	Contains of				
				Name	Type	Description		
				user	User	contains user to retrieve the Dashboards of.		

Source: Source/app/routes.js, line 764

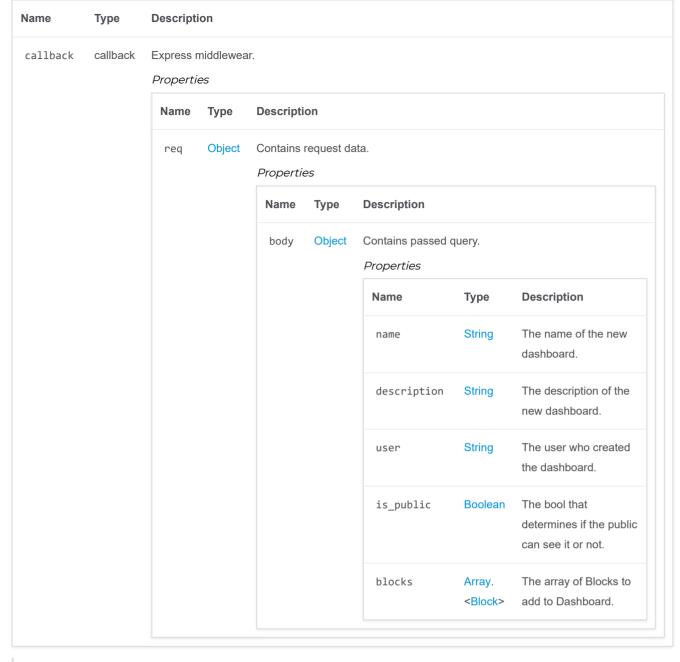
Returns:

Type Array.<Dashboard>

(inner) Dashboard/post->api/addDashboard(path, callback) → {User}

Route for adding a new dashboard from the application interface.

Name	Туре	Description
path	string	Express path.



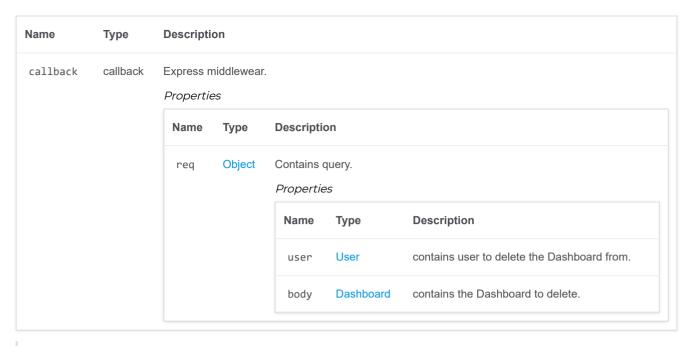
Returns:

Type User

(inner) Dashboard/post->api/deleteDashboard(path, callback) → {String}

Route for deleting a Dashboard given a user id.

nath string Express nath	Type Description	Name
path string Express path.	string Express path	path



Returns:

Type String

(inner) Dashboard/post->api/updateDashboard(path, callback) → {Dashboard}

Route for updating a Dashboard given the Dashboard.

Parameters:

Name	Туре	Description	n						
path	string	Express pa	Express path.						
callback	callback		Express middlewear. Properties						
		Name	Туре	Description	n				
		req	Object	Contains qu	•				
				Name	Туре	Description			
				body	Dashboard	Contains Dashboard.			

Source: Source/app/routes.js, line 858

Returns:

Type Dashboard

(inner) Email/post->api/emailRegistration(path, callback) → {String}

Route for emailing and updating user credentials based on query.

Parameters:

Name	Туре	Descript	ion							
path	string	Express p	oath.							
callback	callback		Express middlewear. Properties							
		Name	Туре	Descripti	on					
		req	Object	Contains Propertie Name body		Description Contains an Properties	n object wi	th email and user info.		
						Name	Туре	Description		
						email	String	Contains the email address.		
						access	String	Contains the User's new account access level.		

Source: Source/app/routes.js, line 1214

Returns:

Type String

(inner) getMcNaryDining(match) → {Promise}

Function for adding retrieving McNary Dining specifically because it has special properties.

Parameters:

Name	Туре	Description
match	Object	timestamp to crosscheck McNary entries

Source: Source/app/routes.js, line 1708

Fires:

event:pushNullMeter

Returns:

Type Promise

(inner) Google->api/google_user)(path, callback) → {google}

Route serving login authorization.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source: Source/app/routes.js, line 36

Returns:

Type google

(inner) Google/get->auth/google() \rightarrow {callback}

Route for Google Authentication. Send to google to do the authentication. Profile gets us their basic information including their name. Email gets their emails.

Source: Source/app/routes.js, line 1302

Fires:

event:Google/get->auth/google/callback

Returns:

Type callback

(inner) Google/get->auth/google() → {FILE}

Route for Google Authentication, the callback after google has authenticated the user. Redirects User on success/failure.

Source: Source/app/routes.js, line 1319

Returns:

Type FILE

(inner) Google/get->logout() → {FILE}

Route for logging a User out of their Google account.

Source: Source/app/routes.js, line 1335

Returns:

Type FILE

(inner) isLoggedIn() → {callback}

Route middleware to make sure a user is logged in

Source: Source/app/routes.js, line 1862

Returns:

Type callback

(inner) login/get->login(path, callback) → {FILE}

Route for returning and rendering the login splash html page.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source: Source/app/routes.js, line 459

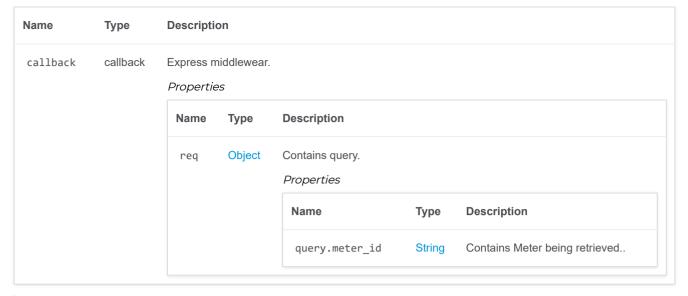
Returns:

Type FILE

(inner) Meter/get->api/getMeterById(path, callback) → {Meter}

Route for retrieving a Meter given an id.

Name Type	Description	
path string	Express path.	



Returns:

Type Meter

(inner) Meter/get->api/getMeters(path, callback) → {Array.<Meter>}

Route for retrieving Meters.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source: Source/app/routes.js, line 1104

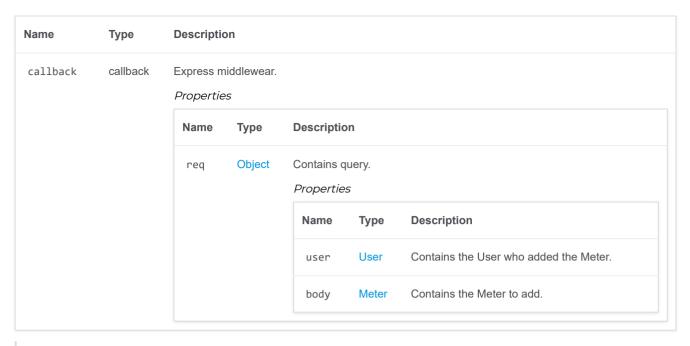
Returns:

Type Array.<Meter>

(inner) Meter/post->api/addMeter(path, callback) → {Meter}

Route for adding a Meter.

Name	Туре	Description
path	string	Express path.



Returns:

Type Meter

(inner) Meter/post->api/addMeter(path, callback) \rightarrow {Meter}

Route for deleting a Meter.

Parameters:

Name	Туре	Descriptio	n			
path	string	Express pa	th.			
callback	callback	Express mi				
		Name	Туре	Description	n	
		req	Object	Contains qu	-	
				Name	Туре	Description
				body	Meter	Contains the Meter to delete.

Source: Source/app/routes.js, line 1184

Returns:

Type Meter

(inner) Meter/post->api/updateMeter(path, callback) → {Meter}

Route for updating a Meter.

Parameters:

Туре	Descriptio	n			
string	Express pa	ith.			
callback					
	Name	Туре	Descriptio	n	
	req	Object			
			Name	Туре	Description
			body	Meter	Contains the Meter to update.
	string	string Express pa	string Express path. callback Express middlewear. Properties Name Type	string Express path. callback Express middlewear. Properties Name Type Description req Object Contains quadrate Properties Name	string Express path. callback Express middlewear. Properties Name Type Description req Object Contains query. Properties Name Type

Source: Source/app/routes.js, line 1151

Returns:

Type Meter

(inner) pushNullMeter(meter, savedBuilding) → {Promise}

Function that adds DataEntries to a Building when the Meter is first added to that Building.

Parameters:

Name	Туре	Description
meter	String	id of Meter being added.
savedBuilding	String	id of Building being added to.

Source: Source/app/routes.js, line 1800

Returns:

Type Promise

(inner) Story/get->api/getPublicStories(path, callback) → {Array.<Story>}

Route for retrieving public Stories.

Parameters:

Name	Туре	Description		
path	string	Express path.		
callback	callback	Express middlew Properties	vear.	
		Name	Туре	Description
		req	Object	Contains query.

Source: Source/app/routes.js, line 1043

Returns:

Type Array.<Story>

(inner) Story/get->api/getUserStories(path, callback) → {Array.<Story>}

Route for getting stories given a User id.

Parameters:

Name	Туре	Description	on			
path	string	Express pa	ath.			
callback	callback	Express m				
		Name	Туре	Descriptio	n	
		req	Object	Contains qu	-	
				Name	Туре	Description
				user	User	Contains User to retrieve stories

Source: Source/app/routes.js, line 893

Returns:

Type Array.<Story>

(inner) Story/get->storyNav(path, callback) → {FILE}

Route for returning and rendering the story selection html page.

Parameters:

Name	Туре	Description
path	string	Express path.
callback	callback	Express middlewear.

Source:

Source/app/routes.js, line 432

Returns:

Type FILE

(inner) Story/post->api/addStory(path, callback) → {User}

Route for adding a Story to a given User.

Parameters:

Name	Type	Descriptio	n			
path	string	Express pa	ath.			
callback	callback	Express m				
		Name	Туре	Descriptio	n	
		req	Object	Contains qu	-	
				Name	Туре	Description
				user	User	Contains User.
				body	Story	Contains Story to add to user.

Source:

Source/app/routes.js, line 928

Returns:

Type User

(inner) Story/post->api/deleteStory(path, callback) → {Story}

Route for deleting a Story.

Parameters:

Name	Туре	Description	n			
path	string	Express pa	th.			
callback	callback	Express mi				
		Name	Туре	Description	1	
		req	Object	Contains qu	-	
				Name	Туре	Description
				body	Story	Contains Story to delete

Source: Source/app/routes.js, line 1008

Returns:

Type Story

(inner) Story/post->api/updateStory(path, callback) → {Story}

Route for updating a Story.

Parameters:

Name	Туре	Description				
path	string	Express path.				
callback	callback	Express middlewear. Properties				
		Name	Type	Descriptio	n	
		req	Object	Contains query. Properties		
				Name	Туре	Description
				body	Story	Contains Story to add to user

Source: Source/app/routes.js, line 974

Returns:

Type Story

(inner) updateOldBuildingMeters(meter, building) → {PROMISE}

Function to update a Building's Meter's when that specific Building is Edited. Also called when new Building is created with in use meters.

Parameters:

Name	Туре	Description
meter	Array. <string></string>	Array of Meter IDs
building	Building	Building to check and remove meters from

Source: Source/app/routes.js, line 1637

Returns:

Type PROMISE

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