

Package ‘googleTagManagerR’

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Title Access the 'Google Tag Manager' API using R

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gtm_accounts_get	<i>List account metadata</i>
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Description

This returns a list containing the metadata about a single account. If you want to get the information for all accounts, use `gtm_accounts_list`

Usage

```
gtm_accounts_get(account_id)
```

Arguments

account_id	Account Id
------------	------------

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/get>

Other account functions: `gtm_accounts_list()`, `gtm_accounts_update()`

Examples

```
## Not run:

account_id <- 12345678
account <- gtm_accounts_get(account_id)

## End(Not run)
```

gtm_accounts_list *List all accounts a user has access to*

Description

This will return a data frame all your available accounts, returning the path, account Id and account name.

Usage

```
gtm_accounts_list()
```

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/list>

Other account functions: [gtm_accounts_get\(\)](#), [gtm_accounts_update\(\)](#)

Examples

```
## Not run:  
  
accounts <- gtm_accounts_list()  
  
## End(Not run)
```

gtm_accounts_update *Updates account metadata*

Description

This enables you to update the account metadata. You can update the account name and whether or not data is shared with Google.

Usage

```
gtm_accounts_update(account_id, name = NULL, shareData = c("TRUE", "FALSE"))
```

Arguments

account_id	Account Id
name	Account Display Name
shareData	Whether the account shares data anonymously with Google and others. This flag enables benchmarking by sharing your data in an anonymous form. Google will remove all identifiable information about your website, combine the data with hundreds of other anonymous sites and report aggregate trends in the benchmarking service.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/update>

Other account functions: [gtm_accounts_get\(\)](#), [gtm_accounts_list\(\)](#)

Examples

```
## Not run:  
  
account_id <- 12345678  
new_account <- gtm_accounts_update(account_id, name = "New Container Name")  
  
## End(Not run)
```

gtm_auth

Auth for GTM Specific Properties

Description

This function authenticates the user with Google Tag Manager To use your own GTM API credentials, either ensure that you have set the path to your OAuth2 API Credentials file in your 'GAR_CLIENT_JSON' variable in your .Renviro file and then restart your R session or set

Usage

```
gtm_auth(email = NULL, token = NULL)
```

Arguments

email	The email address for the Google Account
token	An existing Google Auth Token

Value

Invisibly, the token that has been saved to the session

Examples

```
## Not run:
# To use the included (shared) credentials
library(googleTagManager)
gtm_auth()

# To use your own GCP credentials
Sys.setenv("GAR_CLIENT_JSON" = "location/of/file.json")
library(googleTagManager)
gtm_auth()

# Reauthentication - if you've already logged in
gtm_auth(email="me@mycompany.co.uk")

## End(Not run)
```

gtm_builtin_create	<i>Enable a built-in variable</i>
--------------------	-----------------------------------

Description

This enables one of the built-in variables in GTM. It is the inverse of [gtm_builtin_delete](#)

Usage

```
gtm_builtin_create(account_id, container_id, workspace_id, variable)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
variable	A Builtin Variable or list of built in variables. Valid values are here variables_list

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/built_in_variables/create

Other built in variable functions: [gtm_builtin_delete\(\)](#), [gtm_builtin_list\(\)](#), [gtm_builtin_revert\(\)](#), [variables_list](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
variable <- 'clickId'

builtinVariables<- gtm_builtin_create(accountId, containerId, workspaceId, variable)

listOfVariables <- c('clickClasses', 'clickElement')

newEnabledVars <- gtm_builtin_create(accountId, containerId, workspaceId, listOfVariables)

## End(Not run)
```

gtm_builtin_delete *Disable a built-in variable*

Description

This disables one or more of the built-in variables in GTM. It is the inverse of [gtm_builtin_create](#)

Usage

```
gtm_builtin_delete(account_id, container_id, workspace_id, variable)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
variable	A built-in Variable or list of built-in variables. Valid values are here variables_list

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/built_in_variables/delete

Other built in variable functions: [gtm_builtin_create\(\)](#), [gtm_builtin_list\(\)](#), [gtm_builtin_revert\(\)](#), [variables_list](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
variable <- 'clickId'

builtinVariables<- gtm_builtin_delete(accountId, containerId, workspaceId, variable)

listOfVariables <- c('clickClasses', 'clickElement')

newEnabledVars <- gtm_builtin_delete(accountId, containerId, workspaceId, listOfVariables)

## End(Not run)
```

gtm_builtin_list	<i>List all built-in variables</i>
------------------	------------------------------------

Description

This will return a data frame all enabled built-in variables in a given workspace

Usage

```
gtm_builtin_list(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/built_in_variables/list

Other built in variable functions: [gtm_builtin_create\(\)](#), [gtm_builtin_delete\(\)](#), [gtm_builtin_revert\(\)](#), [variables_list](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
workspaceId <- 10

builtinVariables<- gtm_builtin_list(accountId, containerId, workspaceId)

## End(Not run)
```

gtm_builtin_revert	<i>Reverts changes to a GTM Built-In Variables in a GTM Workspace</i>
--------------------	---

Description

This reverts any changes to a GTM Built-In Variables in a GTM Workspace.

Usage

```
gtm_builtin_revert(account_id, container_id, workspace_id, variable)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
variable	A built-in Variable or list of built-in variables. Valid values are here variables_list

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/built_in_variables/revert

Other built in variable functions: [gtm_builtin_create\(\)](#), [gtm_builtin_delete\(\)](#), [gtm_builtin_list\(\)](#), [variables_list](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
variable <- 'clickId'

variable <- gtm_variables_revert(accountId, containerId, workspaceId, variable)
```

```
# Changes to variable 22 have been reverted  
## End(Not run)
```

gtm_containers_create *Creates a new container in an account*

Description

This creates a new container in the specified account.

Usage

```
gtm_containers_create(  
  account_id,  
  name,  
  type = c("web", "iosSdk5", "androidSdk5", "amp"),  
  domain_name = NULL,  
  notes = NULL  
)
```

Arguments

account_id	Account Id
name	Container Name
type	Container Use Type
domain_name	List of domain names associated with the Container.
notes	Container Notes.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/create>

Other container functions: [gtm_containers_delete\(\)](#), [gtm_containers_get\(\)](#), [gtm_containers_list\(\)](#), [gtm_containers_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
newName <- "My New Container"  
  
container <- gtm_containers_create(accountId, newName, 'web')  
  
## End(Not run)
```

gtm_containers_delete *Deletes an existing GTM Container.*

Description

This deletes a GTM container from an account. This is an irreversible process, so it's recommended that you first back up the container.

Usage

```
gtm_containers_delete(account_id, container_id, force = c("TRUE", "FALSE"))
```

Arguments

account_id	Account Id
container_id	Container Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/delete>

Other container functions: [gtm_containers_create\(\)](#), [gtm_containers_get\(\)](#), [gtm_containers_list\(\)](#), [gtm_containers_update\(\)](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
gtm_containers_delete(accountId, containerId, "TRUE")

containerId <- 7654567

gtm_containers_delete(accountId, containerId)

# !!WARNING!! This command will delete your container.
# This operation is irrevocable.
# It is strongly recommended that you create an export of your container
# before you delete it, just in case you ever want it again.
# Are you sure you want to continue?

# 1: Yes
# 2: No

# Selection: 1
```

```
# Are You really sure you want to delete this container?

# 1: Yes
# 2: No

# Selection: 1

# Container 7654567 has been deleted.

## End(Not run)
```

gtm_containers_get *Gets the metadata for a single container in GTM*

Description

This returns a list containing all the metadata about a single container. If you want to get the information for all containers, use `gtm_containers_list`

Usage

```
gtm_containers_get(account_id, container_id)
```

Arguments

```
account_id      Account Id
container_id    Container Id
```

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/get>

Other container functions: `gtm_containers_create()`, `gtm_containers_delete()`, `gtm_containers_list()`, `gtm_containers_update()`

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
container <- gtm_containers_get(accountId, containerId)

## End(Not run)
```

gtm_containers_list *List all containers in an account*

Description

This returns a dataframe containing all the containers in an account. If you want to get the information for a single container, use `gtm_containers_get`.

Usage

```
gtm_containers_list(account_id)
```

Arguments

account_id Account Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/list>

Other container functions: `gtm_containers_create()`, `gtm_containers_delete()`, `gtm_containers_get()`, `gtm_containers_update()`

Examples

```
## Not run:  
  
accounts <- gtm_accounts_list()  
containers <- gtm_containers_list(accounts$accountId[1])  
  
## End(Not run)
```

gtm_containers_update *Updates a GTM Container*

Description

This updates a GTM Container. Although you can't change the type of container, it is still required for this function to work.

Usage

```
gtm_containers_update(  
  account_id,  
  container_id,  
  name,  
  type = c("amp", "androidSdk5", "iosSdk5", "web"),  
  domain_name = "",  
  notes = ""  
)
```

Arguments

account_id	Account Id
container_id	Container Id
name	Container Name
type	Container Use Type
domain_name	List of domain names associated with the Container.
notes	Container Notes.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/update>

Other container functions: [gtm_containers_create\(\)](#), [gtm_containers_delete\(\)](#), [gtm_containers_get\(\)](#), [gtm_containers_list\(\)](#)

Examples

```
## Not run:  
  
accountId <- 1234567  
containerId <- 7654321  
containers <- gtm_containers_update(accountId, containerId, 'New Container Name', 'amp')  
  
## End(Not run)
```

gtm_environments_create

Create an environment

Description

This creates a new GTM environment

Usage

```
gtm_environments_create(  
  account_id,  
  container_id,  
  name,  
  description = NULL,  
  debug = c("TRUE", "FALSE"),  
  url = NULL  
)
```

Arguments

account_id	Account Id
container_id	Container Id
name	The environment display name. Can be set or changed only on USER type environments.
description	The environment description. Can be set or changed only on USER type environments.
debug	Whether or not to enable debug by default for the environment.
url	Default preview page url for the environment.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/environments/update>

Other environment functions: [gtm_environments_delete\(\)](#), [gtm_environments_get\(\)](#), [gtm_environments_list\(\)](#), [gtm_environments_reauthorize\(\)](#), [gtm_environments_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
  
env <- gtm_environments_create(accountId, containerId, "Development")  
  
pp_env <- gtm_environments_create(accountId,  
                                containerId,  
                                "Pre-Prod",  
                                debug=TRUE,  
                                url="https://pp.example.com")  
  
## End(Not run)
```

`gtm_environments_delete`*Delete an environment*

Description

This deletes a GTM environment

Usage

```
gtm_environments_delete(  
  account_id,  
  container_id,  
  environment_id,  
  force = c("TRUE", "FALSE")  
)
```

Arguments

<code>account_id</code>	Account Id
<code>container_id</code>	Container Id
<code>environment_id</code>	Environment Id
<code>force</code>	This will bypass the user confirmation. Useful for scripted functions to avoid user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/environments/reauthorize>

Other environment functions: [gtm_environments_create\(\)](#), [gtm_environments_get\(\)](#), [gtm_environments_list\(\)](#), [gtm_environments_reauthorize\(\)](#), [gtm_environments_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
environmentId <- 3  
  
gtm_environments_delete(accountId, containerId, environmentId, TRUE)  
  
environmentId <- 4  
  
gtm_environments_delete(accountId, containerId, environmentId)  
  
# This will delete environment 4 Are you sure you want to continue?"
```



```
# 1: Yes
# 2: No

# Selection: 1

# Environment 4 has been deleted.

## End(Not run)
```

gtm_environments_get *This gets the metadata for a single GTM Environment*

Description

This gets the metadata for a single GTM Environment

Usage

```
gtm_environments_get(account_id, container_id, environment_id)
```

Arguments

```
account_id    Account Id
container_id  Container Id
environment_id Environment Id
```

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/environments/get>

Other environment functions: [gtm_environments_create\(\)](#), [gtm_environments_delete\(\)](#), [gtm_environments_list\(\)](#), [gtm_environments_reauthorize\(\)](#), [gtm_environments_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
environmentId <- 3

environmnet <- gtm_environments_get(accountId, containerId, environmentId)

## End(Not run)
```

gtm_environments_list *List the containers*

Description

This lists the environments in a specified container.

Usage

```
gtm_environments_list(account_id, container_id)
```

Arguments

account_id	Account Id
container_id	Container Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/environments/list>

Other environment functions: [gtm_environments_create\(\)](#), [gtm_environments_delete\(\)](#), [gtm_environments_get\(\)](#), [gtm_environments_reauthorize\(\)](#), [gtm_environments_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321

environments <- gtm_environments_list(accountId, containerId)

## End(Not run)
```

gtm_environments_reauthorize
Reauthorize an existing GTM environment

Description

This reauthorises an existing GTM environment, generating a new authorisation Id. This is used to invalidate any existing preview GTM shared preview links and any installations of the environment. You will need to update any snippets on your site with the new authorisation Id afterwards.

Usage

```
gtm_environments_reauthorize(  
  account_id,  
  container_id,  
  environment_id,  
  environment  
)
```

Arguments

account_id	Account Id
container_id	Container Id
environment_id	Environment Id
environment	An Environment object - If you don't have one, one will be generated for you.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/environments/reauthorize>

Other environment functions: [gtm_environments_create\(\)](#), [gtm_environments_delete\(\)](#), [gtm_environments_get\(\)](#), [gtm_environments_list\(\)](#), [gtm_environments_update\(\)](#)

Examples

```
## Not run:  
  
accountId <- 1234567  
containerId <- 7654321  
environmentId <- 4  
  
env <- gtm_environments_reauthorize(accountId, containerId, environmentId)  
  
## End(Not run)
```

gtm_environments_update
Update an environment

Description

This updates a GTM environment

Usage

```
gtm_environments_update(  
  account_id,  
  container_id,  
  environment_id,  
  name,  
  description = NULL,  
  debug = c("TRUE", "FALSE"),  
  url = NULL  
)
```

Arguments

account_id	Account Id
container_id	Container Id
environment_id	Environment Id
name	The environment display name. Can be set or changed only on USER type environments.
description	The environment description. Can be set or changed only on USER type environments.
debug	Whether or not to enable debug by default for the environment.
url	Default preview page url for the environment.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/environments/update>

Other environment functions: [gtm_environments_create\(\)](#), [gtm_environments_delete\(\)](#), [gtm_environments_get\(\)](#), [gtm_environments_list\(\)](#), [gtm_environments_reauthorize\(\)](#)

Examples

```
## Not run:  
  
accountId <- 1234567  
containerId <- 7654321  
  
gtm_environments_update(accountId, containerId, "Pre-Prod", url="https://new-pp.example.com")  
  
## End(Not run)
```

gtm_folders_create	<i>Creates a GTM Folder</i>
--------------------	-----------------------------

Description

This creates a new folder in the specified workspaces

Usage

```
gtm_folders_create(account_id, container_id, workspace_id, name, notes = NULL)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
name	Folder display name
notes	User notes on how to apply this folder in the container.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/get>

Other folder functions: [gtm_folders_delete\(\)](#), [gtm_folders_entities\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_list\(\)](#), [gtm_folders_move\(\)](#), [gtm_folders_revert\(\)](#), [gtm_folders_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3
folderName <- "Analytics Tags"
folderNotes <- "All our website's Google Analytics Tags"

folder <- gtm_folders_create(accountId, containerId, workspaceId, folderName, folderNotes)

## End(Not run)
```

gtm_folders_delete *Deletes a GTM Folder*

Description

This deletes a folder in the specified workspaces

Usage

```
gtm_folders_delete(  
  account_id,  
  container_id,  
  workspace_id,  
  folder_id,  
  force = c("TRUE", "FALSE")  
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
folder_id	Folder Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/delete>

Other folder functions: [gtm_folders_create\(\)](#), [gtm_folders_entities\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_list\(\)](#), [gtm_folders_move\(\)](#), [gtm_folders_revert\(\)](#), [gtm_folders_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 3  
  
gtm_folders_delete(accountId, containerId, workspaceId, force=TRUE)  
  
## End(Not run)
```

gtm_folders_entities *List all entities in a GTM Folder.*

Description

This lists all entities in a GTM Folder.

Usage

```
gtm_folders_entities(account_id, container_id, workspace_id, folder_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
folder_id	Folder Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/entities>

Other folder functions: [gtm_folders_create\(\)](#), [gtm_folders_delete\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_list\(\)](#), [gtm_folders_move\(\)](#), [gtm_folders_revert\(\)](#), [gtm_folders_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3
folderId <- 1

folder <- gtm_folders_entities(accountId, containerId, workspaceId, folderId)

## End(Not run)
```

gtm_folders_get	<i>Gets a GTM Folder</i>
-----------------	--------------------------

Description

This returns a list containing all the metadata for a single folder in a workspace. If you want to get the information for all folders, use `gtm_folders_list`.

Usage

```
gtm_folders_get(account_id, container_id, workspace_id, folder_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
folder_id	Folder Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/get>

Other folder functions: `gtm_folders_create()`, `gtm_folders_delete()`, `gtm_folders_entities()`, `gtm_folders_list()`, `gtm_folders_move()`, `gtm_folders_revert()`, `gtm_folders_update()`

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3
folderId <- 1

folder <- gtm_folders_list(accountId, containerId, workspaceId, folderId)

## End(Not run)
```

gtm_folders_list	<i>List all containers in an account</i>
------------------	--

Description

This returns a dataframe containing all the folder in a workspace If you want to get the information for a single folder, use `gtm_folders_get`

Usage

```
gtm_folders_list(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/list>

Other folder functions: [gtm_folders_create\(\)](#), [gtm_folders_delete\(\)](#), [gtm_folders_entities\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_move\(\)](#), [gtm_folders_revert\(\)](#), [gtm_folders_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 3  
  
folders <- gtm_folders_list(accountId, containerId, workspaceId)  
  
## End(Not run)
```

gtm_folders_move	<i>Move entities to a new folder</i>
------------------	--------------------------------------

Description

This moves entities to a new folder.

Usage

```
gtm_folders_move(  
  account_id,  
  container_id,  
  workspace_id,  
  folder_id,  
  tags = NULL,  
  triggers = NULL,  
  variables = NULL  
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
folder_id	Folder Id
tags	The tags to be moved to the folder. This can either be an individual tag Id or a list of tag Ids
triggers	The triggers to be moved to the folder. This can either be an individual trigger Id or a list of trigger Ids
variables	The variables to be moved to the folder. This can either be an individual variable Id or a list of variable Ids

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/move_entities_to_folder

Other folder functions: [gtm_folders_create\(\)](#), [gtm_folders_delete\(\)](#), [gtm_folders_entities\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_list\(\)](#), [gtm_folders_revert\(\)](#), [gtm_folders_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 3
```

```
folderId <- 1
tags = 12

gtm_folders_move(accountId, containerId, workspaceId, folderId, tags = tags)

triggers = c(1,2,3)
tags = c(4,5,6)

gtm_folders_move(accountId, containerId, workspaceId, folderId, tags = tags)

## End(Not run)
```

gtm_folders_revert *Reverts a GTM Folder*

Description

This reverts any changes to a folder in the current workspace

Usage

```
gtm_folders_revert(account_id, container_id, workspace_id, folder_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
folder_id	Folder Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/revert>

Other folder functions: [gtm_folders_create\(\)](#), [gtm_folders_delete\(\)](#), [gtm_folders_entities\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_list\(\)](#), [gtm_folders_move\(\)](#), [gtm_folders_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3
folderId <- 1
```

```
folder <- gtm_folders_revert(accountId, containerId, workspaceId, folderId)

## End(Not run)
```

gtm_folders_update *Updates a GTM Folder*

Description

This updates a folder in the specified workspaces

Usage

```
gtm_folders_update(  
  account_id,  
  container_id,  
  workspace_id,  
  folder_id,  
  name = NULL,  
  notes = NULL  
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
folder_id	Folder Id
name	Folder display name
notes	User notes on how to apply this folder in the container.

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/folders/update>

Other folder functions: [gtm_folders_create\(\)](#), [gtm_folders_delete\(\)](#), [gtm_folders_entities\(\)](#), [gtm_folders_get\(\)](#), [gtm_folders_list\(\)](#), [gtm_folders_move\(\)](#), [gtm_folders_revert\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3
folderName <- "New Analytics Tags"
folderNotes <- "All our website's Google Analytics App+Web Tags"

folder <- gtm_folders_update(accountId, containerId, workspaceId, folderName, folderNotes)

## End(Not run)
```

gtm_headers_latest *Gets the latest container version header*

Description

This will return the latest container version header If you want to get the information for the most all container versions, use `gtm_headers_list`

Usage

```
gtm_headers_latest(account_id, container_id)
```

Arguments

account_id	Account Id
container_id	Container Id

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/version_headers/latest

Other version header functions: [gtm_headers_list\(\)](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321

latestHeader <- gtm_headers_latest(accountId, containerId)
```

```
## End(Not run)
```

gtm_headers_list	<i>List all container versions of a GTM container</i>
------------------	---

Description

This will return a data frame all container versions. If you want to get the information for the most recent version, use `gtm_headers_latest`

Usage

```
gtm_headers_list(account_id, container_id, includeDeleted = c("TRUE", "FALSE"))
```

Arguments

account_id	Account Id
container_id	Container Id
includeDeleted	Include deleted version - Default False

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/version_headers/list

Other version header functions: [gtm_headers_latest\(\)](#)

Examples

```
## Not run:  
  
accountId <- 1234567  
containerId <- 7654321  
  
headers <- gtm_headers_list(accountId, containerId)  
  
headersWithDeleted <- gtm_headers_list(accountId, containerId, 'TRUE')  
  
## End(Not run)
```

gtm_tags_create	<i>Create a new tag</i>
-----------------	-------------------------

Description

This takes a tag resource and creates a new tag in GTM.

Usage

```
gtm_tags_create(account_id, container_id, workspace_id, tag_object)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
tag_object	Tag Object

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/tags/create>

Other tag functions: [gtm_tags_delete\(\)](#), [gtm_tags_get\(\)](#), [gtm_tags_list\(\)](#), [gtm_tags_revert\(\)](#), [gtm_tags_update\(\)](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
workspaceId <- 5
# In the Tag Object below you will need to substitute your own trigger Id -
# see \code{gtm_triggers_list} and \code{gtm_triggers_create}
tag <- list(
  name = "Example DataLayer Push",
  type = "html",
  tagFiringOption = "oncePerEvent",
  parameter = list(
    list(
      type = "template",
      key = "html",
      value = "<script>\n
        window.dataLayer=window.dataLayer||[];\n
        window.dataLayer.push({'event\": \"demoEvent\"});\n
      </script>"
    ),
    list(
```

```
        type = "boolean",
        key = "supportDocumentWrite",
        value = "false"
    )
),
firingTriggerId = 20,
tagFiringOption = "oncePerPage"
)

newTag <- gtm_tags_create(accountId, containerId, workspaceId, tag)

## End(Not run)
```

gtm_tags_delete	<i>Delete a tag</i>
-----------------	---------------------

Description

This deletes a tag in a GTM workspace

Usage

```
gtm_tags_delete(
  account_id,
  container_id,
  workspace_id,
  tag_id,
  force = c("TRUE", "FALSE")
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
tag_id	Tag Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/tags/delete>

Other tag functions: [gtm_tags_create\(\)](#), [gtm_tags_get\(\)](#), [gtm_tags_list\(\)](#), [gtm_tags_revert\(\)](#), [gtm_tags_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
tagId <- 100

gtm_tags_delete(accountId, containerId, workspaceId, tagId)

# This will delete tag %s. Are you sure you want to continue?

# 1: Yes
# 2: No

# Selection: 1

# Tag 100 has been deleted.

tagId = 101

gtm_tags_delete(accountId, containerId, workspaceId, tagId, "TRUE")

# Tag 101 has been deleted.

## End(Not run)
```

gtm_tags_get

Get one tag in a workspace

Description

This will return a list with the settings of a single tag. If you want to get the information for all tags, use `gtm_tags_list`

Usage

```
gtm_tags_get(account_id, container_id, workspace_id, tag_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
tag_id	Tag Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/tags/get>

Other tag functions: [gtm_tags_create\(\)](#), [gtm_tags_delete\(\)](#), [gtm_tags_list\(\)](#), [gtm_tags_revert\(\)](#), [gtm_tags_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
tagId = 100

tag <- gtm_tags_get(accountId, containerId, workspaceId, tagId)

## End(Not run)
```

gtm_tags_list

List all tags in a workspace

Description

This will return a data frame all your available tags in a given workspace If you want to get the information for a single tag, use [gtm_tags_get](#)

Usage

```
gtm_tags_list(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/tags/list>

Other tag functions: [gtm_tags_create\(\)](#), [gtm_tags_delete\(\)](#), [gtm_tags_get\(\)](#), [gtm_tags_revert\(\)](#), [gtm_tags_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10

tags <- gtm_tags_list(accountId, containerId, workspaceId)

## End(Not run)
```

gtm_tags_revert	<i>Reverts a tag,</i>
-----------------	-----------------------

Description

This reverts a tag back to its original, unmodified state.

Usage

```
gtm_tags_revert(account_id, container_id, workspace_id, tag_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
tag_id	Tag Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/tags/revert>

Other tag functions: [gtm_tags_create\(\)](#), [gtm_tags_delete\(\)](#), [gtm_tags_get\(\)](#), [gtm_tags_list\(\)](#), [gtm_tags_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
tagId <- 102
```

```
tag <- gtm_tags_revert(accountId, containerId, workspaceId, tagId)

# Changes to tag 102 have been reverted

## End(Not run)
```

gtm_tags_update	<i>Update an existing tag</i>
-----------------	-------------------------------

Description

This takes a tag resource and overwrites the existing tag in GTM

Usage

```
gtm_tags_update(account_id, container_id, workspace_id, tag_id, tag_object)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
tag_id	Tag Id
tag_object	Tag Object

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/tags/update>

Other tag functions: [gtm_tags_create\(\)](#), [gtm_tags_delete\(\)](#), [gtm_tags_get\(\)](#), [gtm_tags_list\(\)](#), [gtm_tags_revert\(\)](#)

Examples

```
## Not run:

accountId <- 1234567
containerId <- 7654321
workspaceId <- 5
tagId <- 11

tag <- list(
  name = "Example DataLayer Push",
  type = "html",
  tagFiringOption = "oncePerEvent",
  parameter = list(
    list(
```

```

    type = "template",
    key = "html",
    value = "<script>\n  window.dataLayer=window.dataLayer||[];\n
           window.dataLayer.push({\"event\": \"demoEvent\"});\n
           </script>"
  ),
  list(
    type = "boolean",
    key = "supportDocumentWrite",
    value = "false"
  )
),
firingTriggerId = 20,
tagFiringOption = "oncePerPage"
)

updatedTag <- gtm_tags_update(accountId, containerId, workspaceId, tagId, tag)

## End(Not run)

```

gtm_triggers_create *Create a new trigger*

Description

This takes a trigger resource and creates a new trigger in GTM.

Usage

```
gtm_triggers_create(account_id, container_id, workspace_id, trigger_object)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
trigger_object	Trigger Object

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/triggers/create>

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/triggers#resource>

Other trigger functions: [gtm_triggers_delete\(\)](#), [gtm_triggers_get\(\)](#), [gtm_triggers_list\(\)](#), [gtm_triggers_revert\(\)](#), [gtm_triggers_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3

trigger <- list(
  name = 'Demo Trigger',
  type = 'pageview'
)

newTrigger <- gtm_triggers_create(accountId, containerId, workspaceId, trigger)

trigger2 <- list(
  name = 'More Complex Trigger',
  type = 'pageview',
  filter = list(
    list(
      type = 'contains',
      parameter = list(
        list(
          type='template',
          key = 'arg0',
          value='{{Lookup Table}}'
        ),
        list(
          type='template',
          key = 'arg1',
          value='Lookup Value'
        )
      )
    )
  )
)

newTrigger2 <- gtm_triggers_create(accountId, containerId, workspaceId, trigger2)

## End(Not run)
```

gtm_triggers_delete *Delete a trigger*

Description

This deletes a trigger in a GTM workspace

Usage

```
gtm_triggers_delete(  
  account_id,  
  container_id,  
  workspace_id,  
  trigger_id,  
  force = c(TRUE, FALSE)  
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
trigger_id	trigger Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/triggers/delete>

Other trigger functions: [gtm_triggers_create\(\)](#), [gtm_triggers_get\(\)](#), [gtm_triggers_list\(\)](#), [gtm_triggers_revert\(\)](#), [gtm_triggers_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 5  
triggerId <- 13  
  
gtm_triggers_delete(accountId, containerId, workspaceId, triggerId)  
  
# This will delete trigger %s. Are you sure you want to continue?  
  
# 1: Yes  
# 2: No  
  
# Selection: 1  
  
# trigger 13 has been deleted.  
  
triggerId = 14  
  
gtm_triggers_delete(accountId, containerId, workspaceId, triggerId, "TRUE")  
  
# Trigger 14 has been deleted.
```

```
## End(Not run)
```

gtm_triggers_get *List a single trigger in a workspace*

Description

This will return a list with the settings of a single trigger. If you want to get the information for all triggers, use `gtm_triggers_list`

Usage

```
gtm_triggers_get(account_id, container_id, workspace_id, trigger_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
trigger_id	trigger Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/triggers/get>

Other trigger functions: `gtm_triggers_create()`, `gtm_triggers_delete()`, `gtm_triggers_list()`, `gtm_triggers_revert()`, `gtm_triggers_update()`

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 3  
triggerID <- 12  
  
trigger <- gtm_triggers_get(accountId, containerId, workspaceId, triggerId)  
  
## End(Not run)
```

gtm_triggers_list	<i>List all triggers in a workspace</i>
-------------------	---

Description

This will return a data frame all your available triggers in a given workspace. If you want to get the information for a single trigger, use `gtm_triggers_get`.

Usage

```
gtm_triggers_list(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/triggers/list>

Other trigger functions: `gtm_triggers_create()`, `gtm_triggers_delete()`, `gtm_triggers_get()`, `gtm_triggers_revert()`, `gtm_triggers_update()`

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 3  
  
triggers <- gtm_triggers_list(accountId, containerId, workspaceId)  
  
## End(Not run)
```

gtm_triggers_revert *Reverts a trigger to its original state*

Description

This reverts a trigger back to its original, unmodified state.

Usage

```
gtm_triggers_revert(account_id, container_id, workspace_id, trigger_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
trigger_id	Trigger Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/triggers/revert>

Other trigger functions: [gtm_triggers_create\(\)](#), [gtm_triggers_delete\(\)](#), [gtm_triggers_get\(\)](#), [gtm_triggers_list\(\)](#), [gtm_triggers_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
triggerId <- 20

trigger <- gtm_triggers_revert(accountId, containerId, workspaceId, triggerId)

# Changes to trigger 20 have been reverted

## End(Not run)
```


Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3

variable <- list(
  name = 'Custom JS Variable',
  type = 'jsm',
  parameter = list(
    list(
      type = 'template',
      key = 'javascript',
      value = 'function(){\n  return document.querySelector(\"form\").id;\n}'
    )
  )
)

cjsVariable <- gtm_variables_create(accountId, containerId, workspaceId, variable)

variable2 <- list(
  name = 'Lookup Table',
  type = 'smm',
  parameter = list(
    list(
      type = 'boolean',
      key = 'setDefaultValue',
      value = 'false'
    ),
    list(
      type = 'template',
      key = 'input',
      value = '{{Page Hostname}}'
    ),
    list(
      type = 'list',
      key = 'map',
      list = list(
        list(
          type = 'map',
          map = list(list(
            type = 'template',
            key = 'key',
            value = 'google.co.uk'
          ))
        ),
        list(
          type = 'template',
          key = 'value',
          value = 'UA-123456-1'
        )
      )
    )
  )
)
```


See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/variables/delete>

Other variable functions: `gtm_variables_create()`, `gtm_variables_get()`, `gtm_variables_list()`, `gtm_variables_revert()`, `gtm_variables_update()`

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
variableId <- 30

gtm_variables_delete(accountId, containerId, workspaceId, variableId)

# This will delete tag %s. Are you sure you want to continue?

# 1: Yes
# 2: No

# Selection: 1

# Variable 30 has been deleted.

variableId = 31

gtm_variables_delete(accountId, containerId, workspaceId, variableId, "TRUE")

# Variable 31 has been deleted.

## End(Not run)
```

<code>gtm_variables_get</code>	<i>List all variables in a workspace</i>
--------------------------------	--

Description

This will return a list with the settings of a single variable. If you want to get the information for all variables, use `gtm_variables_list`

Usage

```
gtm_variables_get(account_id, container_id, workspace_id, variable_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
variable_id	Variable Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/variables/get>

Other variable functions: [gtm_variables_create\(\)](#), [gtm_variables_delete\(\)](#), [gtm_variables_list\(\)](#), [gtm_variables_revert\(\)](#), [gtm_variables_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
variableId = 100

variable <- gtm_variables_get(accountId, containerId, workspaceId, variableId)

## End(Not run)
```

gtm_variables_list *List all variables in a workspace*

Description

This will return a data frame all your available variables in a given workspace If you want to get the information for a single variable, use `gtm_variables_get`

Usage

```
gtm_variables_list(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/variables/list>

Other variable functions: [gtm_variables_create\(\)](#), [gtm_variables_delete\(\)](#), [gtm_variables_get\(\)](#), [gtm_variables_revert\(\)](#), [gtm_variables_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10

variables <- gtm_variables_list(accountId, containerId, workspaceId)

## End(Not run)
```

gtm_variables_revert *Reverts a variable to its original state*

Description

This reverts a variable back to its original, unmodified state.

Usage

```
gtm_variables_revert(account_id, container_id, workspace_id, variable_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
variable_id	Variable Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/variables/revert>

Other variable functions: [gtm_variables_create\(\)](#), [gtm_variables_delete\(\)](#), [gtm_variables_get\(\)](#), [gtm_variables_list\(\)](#), [gtm_variables_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
variableId <- 102

variable <- gtm_variables_revert(accountId, containerId, workspaceId, variableId)

# Changes to variable 22 have been reverted

## End(Not run)
```

gtm_variables_update *Update an existing variable*

Description

This takes a variable resource and overwrites the existing variable in GTM

Usage

```
gtm_variables_update(
  account_id,
  container_id,
  workspace_id,
  variable_id,
  variable_object
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
variable_id	Variable Id
variable_object	Variable Object

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/variables/update>

Other variable functions: [gtm_variables_create\(\)](#), [gtm_variables_delete\(\)](#), [gtm_variables_get\(\)](#), [gtm_variables_list\(\)](#), [gtm_variables_revert\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 3

updatedVariable <- list(
  name = 'Lookup Table',
  type = 'smm',
  parameter = list(
    list(
      type = 'boolean',
      key = 'setDefaultValue',
      value = 'false'
    ),
    list(
      type = 'template',
      key = 'input',
      value = '{{Page Hostname}}'
    ),
    list(
      type = 'list',
      key = 'map',
      list = list(
        list(
          type = 'map',
          map = list(list(
            type = 'template',
            key = 'key',
            value = 'google.co.uk'
          ),
            list(
              type = 'template',
              key = 'value',
              value = 'UA-123456-1'
            )
          )
        )
      )
    ),
    list(
      type = 'map',
      map = list(list(
        type = 'template',
        key = 'key',
        value = 'bing.com'
      ),
        list(
          type = 'template',
          key = 'value',
          value = 'UA-123456-2'
        )
      )
    )
  )
)
```

```

    )
  ),
  list(
    type = 'map',
    map = list(list(
      type = 'template',
      key = 'key',
      value = 'yahoo.com'
    ),
    list(
      type = 'template',
      key = 'value',
      value = 'UA-123456-3'
    )
  )
)
)
)
)
)
)
)

newLookupTable <- gtm_variables_create(accountId, containerId, workspaceId, updatedVariable)

## End(Not run)

```

gtm_versions_delete *Delete a container version*

Description

Deletes a container version

Usage

```

gtm_versions_delete(
  account_id,
  container_id,
  version_id,
  force = c("TRUE", "FALSE")
)

```

Arguments

account_id	Account Id
container_id	Container Id
version_id	Version Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/versions/delete>

Other version functions: [gtm_versions_get\(\)](#), [gtm_versions_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
versionId <- 6

gtm_versions_delete(accountId, containerId, versionId)

# This will delete Version %s. Are you sure you want to continue?

# 1: Yes
# 2: No

# Selection: 1

# Version 6 has been deleted.

tagId = 7

gtm_versions_delete(accountId, containerId, versionId, "TRUE")

# Version 7 has been deleted.

## End(Not run)
```

gtm_versions_get	<i>List a single version in a workspace</i>
------------------	---

Description

This returns a single workspace version

Usage

```
gtm_versions_get(account_id, container_id, version_id)
```

Arguments

account_id	Account Id
container_id	Container Id
version_id	Version Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/versions/get>

Other version functions: [gtm_versions_delete\(\)](#), [gtm_versions_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
versionId <- 6

version <- gtm_versions_get(accountId, containerId, versionId)

## End(Not run)
```

gtm_versions_publish *Publish a new container version*

Description

Publishes a container version to be live

Usage

```
gtm_versions_publish(account_id, container_id, version_id)
```

Arguments

account_id	Account Id
container_id	Container Id
version_id	Version Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/versions/publish>

Other versions functions: [gtm_versions_setlatest\(\)](#), [gtm_versions_undelete\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
versionId <- 6

version <- gtm_versions_publish(accountId, containerId, versionId)

## End(Not run)
```

gtm_versions_setlatest

Sets a container version as the latest version

Description

Sets the given container version as the latest version

Usage

```
gtm_versions_setlatest(account_id, container_id, version_id)
```

Arguments

account_id	Account Id
container_id	Container Id
version_id	Version Id

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/versions/set_latest

Other versions functions: [gtm_versions_publish\(\)](#), [gtm_versions_undelete\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
versionId <- 6

version <- gtm_versions_setlatest(accountId, containerId, versionId)
```

```
## End(Not run)
```

```
gtm_versions_undelete Undeletes a container version
```

Description

Undeletes a container version

Usage

```
gtm_versions_undelete(account_id, container_id, version_id)
```

Arguments

account_id	Account Id
container_id	Container Id
version_id	Version Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/versions/undelete>

Other versions functions: [gtm_versions_publish\(\)](#), [gtm_versions_setlatest\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
versionId <- 6  
  
version <- gtm_versions_undelete(accountId, containerId, versionId)  
  
## End(Not run)
```

gtm_versions_update *Update a container version*

Description

Updates a container Version

Usage

```
gtm_versions_update(  
  account_id,  
  container_id,  
  version_id,  
  name = NULL,  
  description = NULL  
)
```

Arguments

account_id	Account Id
container_id	Container Id
version_id	Version Id
name	Version Name
description	Version Description

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/versions/update>

Other version functions: [gtm_versions_delete\(\)](#), [gtm_versions_get\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
versionId <- 6  
newName <- 'My Cool New Version'  
newDescription <- 'My new version does something cool'  
version <- gtm_versions_update(accountId, containerId, versionId, newName, newDescription)  
  
## End(Not run)
```

gtm_workspaces_create *Create a new workspace*

Description

This creates a new workspace in an existing container.

Usage

```
gtm_workspaces_create(account_id, container_id, name, description = NULL)
```

Arguments

account_id	Account Id
container_id	Container Id
name	Workspace Name
description	Workspace Description

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/create>

Other workspace functions: [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
name <- 'New Analytics Tags'
description <- 'Adding element visibility tags'

workspace <- gtm_workspaces_create(accountId, containerId, name, description)

## End(Not run)
```

gtm_workspaces_delete *Delete a workspace*

Description

This irrevocably deletes a workspace and any work in it.

Usage

```
gtm_workspaces_delete(  
  account_id,  
  container_id,  
  workspace_id,  
  force = c("TRUE", "FALSE")  
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/delete>

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:  
accountId <- 1234567  
containerId <- 7654321  
workspaceId <- 84  
  
gtm_workspaces_delete(accountId, containerId, workspaceId)  
  
# This will delete Workspace %s. Are you sure you want to continue?  
  
# 1: Yes  
# 2: No  
  
# Selection: 1
```

```
# Workspace 84 has been deleted.

workspaceId = 85

gtm_workspaces_delete(accountId, containerId, workspaceId, "TRUE")

# Workspace 85 has been deleted.

## End(Not run)
```

gtm_workspaces_get *Get workspace metadata*

Description

This returns a list containing the metadata about a single Workspace. If you want to get the information for all workspaces, use `gtm_workspaces_list`.

Usage

```
gtm_workspaces_get(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/get>

Other workspace functions: `gtm_workspaces_create()`, `gtm_workspaces_delete()`, `gtm_workspaces_list()`, `gtm_workspaces_preview()`, `gtm_workspaces_resolve()`, `gtm_workspaces_status()`, `gtm_workspaces_submit()`, `gtm_workspaces_sync()`, `gtm_workspaces_update()`

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 5

workspace <- gtm_workspaces_get(accountId, containerId, workspaceId)
```

```
## End(Not run)
```

```
gtm_workspaces_list    List all workspaces a user has access to
```

Description

This will return a data frame all your available workspaces in a given container. If you want to get the information for a single workspace, use `gtm_workspaces_get`

Usage

```
gtm_workspaces_list(account_id, container_id)
```

Arguments

<code>account_id</code>	Account Id
<code>container_id</code>	Container Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/list>

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321

workspaces <- gtm_workspaces_list(accountId, containerId)

## End(Not run)
```

`gtm_workspaces_preview`*Preview the compilation of a container version*

Description

Quick previews a workspace by creating a fake container version from all entities in the provided workspace. It returns a container object, and if there are any conflicts, sync errors or compiler errors in the workspace

Usage

```
gtm_workspaces_preview(account_id, container_id, workspace_id)
```

Arguments

<code>account_id</code>	Account Id
<code>container_id</code>	Container Id
<code>workspace_id</code>	Workspace Id

Value

Invisibly, the server response. If successful this is list with one element.

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/quick_preview

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 6

preview <- gtm_workspaces_preview(accountId, containerId, workspaceId)

## End(Not run)
```

`gtm_workspaces_resolve`*Resolve workspace conflicts*

Description

Resolves a merge conflict for a workspace entity by updating it to the resolved entity passed in the request. This is one of the more complex functions, however if you are using this package for automation you will most probably want to keep the version from the current workspace not the base version, which is shown in the example.

Usage

```
gtm_workspaces_resolve(  
  account_id,  
  container_id,  
  workspace_id,  
  tag = NULL,  
  trigger = NULL,  
  variable = NULL,  
  folder = NULL,  
  changeStatus = c("added", "changeStatusUnspecified", "deleted", "none", "updated")  
)
```

Arguments

<code>account_id</code>	Account Id
<code>container_id</code>	Container Id
<code>workspace_id</code>	Workspace Id
<code>tag</code>	A Tag Object
<code>trigger</code>	A Trigger Object
<code>variable</code>	A Variable Object
<code>folder</code>	A Folder Object
<code>changeStatus</code>	Represents how the entity has been changed in the workspace.

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/resolve_conflict

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:

# Complexities arise converting the list created in R into the correct JSON for GTM,
# specifically for the Monitoring Metadata in Tags, so this is brought out, converted
# separately and then included in the tag before it is resolved.

accountId <- 1234567
containerId <- 7654321
workspaceId <- 10

mergeConflicts <- gtm_workspaces_sync(accountId, containerId, workspaceId)

for(i in 1:nrow(mergeConflicts$mergeConflict$entityInWorkspace)){
  tag <- NULL
  trigger <- NULL
  variable <- NULL
  folder <- NULL
  obj <- mergeConflicts$mergeConflict$entityInWorkspace[i,]
  if(!is.na(obj$tag$path)){
    tag <- obj$tag
    if(is.null(tag$monitoringMetadata$map)){
      tag <- tag %>% select(-monitoringMetadata)
      tag <- as.list(tag) %>%
        lapply(function(x){if(is.null(x[[1]])){x<-NA}else{x<-x}}) %>%
        lapply(function(x) x[!is.na(x)])
    } else{
      metadataMap <- tag$monitoringMetadata$map[[1]]
      metadata <- list(
        type = 'map',
        map = metadataMap
      )
      tag <- as.list(tag) %>%
        lapply(function(x){if(is.null(x[[1]])){x<-NA}else{x<-x}}) %>%
        lapply(function(x) x[!is.na(x)])
      tag$monitoringMetadata <- metadata
    }
  }
  if(!is.na(obj$trigger$path)){
    trigger <- obj$trigger
    trigger <- as.list(trigger) %>%
      lapply(function(x){if(is.null(x[[1]])){x<-NA}else{x<-x}}) %>%
      lapply(function(x) x[!is.na(x)])
  }
  if(!is.na(obj$variable$path)){
    variable <- obj$variable
    variable <- as.list(variable) %>%
      lapply(function(x){if(is.null(x[[1]])){x<-NA}else{x<-x}}) %>%
      lapply(function(x) x[!is.na(x)])
  }
}
```



```
if(!is.na(obj$folder$path)){
  folder <- obj$folder
  folder <- as.list(folder) %>%
    lapply(function(x){if(is.null(x[[1]])){x<-NA}else{x<-x}}) %>%
    lapply(function(x) x[!is.na(x)])
}
changeStatus <- obj$changeStatus

resolve <- gtm_workspaces_resolve(account_id = accountId,
                                  container_id = containerId,
                                  workspace_id = workspaceId,
                                  tag = tag,
                                  trigger = trigger,
                                  variable = variable,
                                  folder = folder,
                                  changeStatus = changeStatus)
}

## End(Not run)
```

gtm_workspaces_status *See workspace changes*

Description

Finds conflicting and modified entities in the workspace.

Usage

```
gtm_workspaces_status(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/getStatus>

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 6

workspace <- gtm_workspaces_status(accountId, containerId, workspaceId)

## End(Not run)
```

gtm_workspaces_submit *Create a new container version*

Description

This creates a new version of the GTM container, but does not publish it as a live version. The name and notes will be permanently visible for the container version.

Usage

```
gtm_workspaces_submit(
  account_id,
  container_id,
  workspace_id,
  name,
  notes = NULL
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
name	Version Name
notes	Version Notes

See Also

https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/create_version

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_sync\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 6
name <- 'New Analytics Tags'
notes <- 'Adding element visibility tags and scroll tracking'

workspace <- gtm_workspaces_update(accountId, containerId, workspaceId, name, notes)

## End(Not run)
```

gtm_workspaces_sync *Bring a workspace in line with the latest version*

Description

Syncs a workspace to the latest container version by updating all unmodified workspace entities and displaying conflicts for modified entities

Usage

```
gtm_workspaces_sync(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/sync>

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 6

syncResult <- gtm_workspaces_sync(accountId, containerId, workspaceId)

## End(Not run)
```

gtm_workspaces_update *Update a workspace*

Description

This updates the name or description of an existing workspace.

Usage

```
gtm_workspaces_update(  
  account_id,  
  container_id,  
  workspace_id,  
  name,  
  description = NULL  
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
name	Workspace Name
description	Workspace Description

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/update>

Other workspace functions: [gtm_workspaces_create\(\)](#), [gtm_workspaces_delete\(\)](#), [gtm_workspaces_get\(\)](#), [gtm_workspaces_list\(\)](#), [gtm_workspaces_preview\(\)](#), [gtm_workspaces_resolve\(\)](#), [gtm_workspaces_status\(\)](#), [gtm_workspaces_submit\(\)](#), [gtm_workspaces_sync\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 6
name <- 'New Analytics Tags'
description <- 'Adding element visibility tags and scroll tracking'

workspace <- gtm_workspaces_update(accountId, containerId, workspaceId, name, description)

## End(Not run)
```

gtm_zones_create	<i>Create a new zone</i>
------------------	--------------------------

Description

This takes a zone resource and creates a new zone in GTM.

Usage

```
gtm_zones_create(account_id, container_id, workspace_id, zone_object)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
zone_object	Zone Object

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/zones/create>

Other zone functions: [gtm_zones_delete\(\)](#), [gtm_zones_get\(\)](#), [gtm_zones_list\(\)](#), [gtm_zones_revert\(\)](#), [gtm_zones_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 10
```

```
zone <- list(
  accountId=accountId,
  containerId=containerId,
  workspaceId=workspaceId,
  name="Marketing Zone",
  childContainer=list(
    list(
      publicId="GTM-ABCDEF",
      nickname="My Marketing Container"
    )
  )
)

new_zone <- gtm_zones_create(accountId, containerId, workspaceId, zone)

## End(Not run)
```

gtm_zones_delete	<i>Delete a zone</i>
------------------	----------------------

Description

This deletes a zone in a GTM workspace

Usage

```
gtm_zones_delete(
  account_id,
  container_id,
  workspace_id,
  zone_id,
  force = c("TRUE", "FALSE")
)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
zone_id	Zone Id
force	Force deletion without user input

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/zones/delete>

Other zone functions: [gtm_zones_create\(\)](#), [gtm_zones_get\(\)](#), [gtm_zones_list\(\)](#), [gtm_zones_revert\(\)](#), [gtm_zones_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 11
zoneId <- 3

gtm_zones_delete(accountId, containerId, workspaceId, zoneId, "TRUE")

## End(Not run)
```

gtm_zones_get	<i>List a single zone in a workspace</i>
---------------	--

Description

This will return a list with the settings of a single zone. If you want to get the information for all zones, use `gtm_zones_list`

Usage

```
gtm_zones_get(account_id, container_id, workspace_id, zone_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
zone_id	Zone Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/zones/get>

Other zone functions: [gtm_zones_create\(\)](#), [gtm_zones_delete\(\)](#), [gtm_zones_list\(\)](#), [gtm_zones_revert\(\)](#), [gtm_zones_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 11
zoneId <- 12

zone <- gtm_zones_get(accountId, containerId, workspaceId, zoneId)

## End(Not run)
```

gtm_zones_list	<i>List all zones in a workspace</i>
----------------	--------------------------------------

Description

This will return a data frame all your available zones in a given workspace If you want to get the information for a single zone, use `gtm_zones_get`

Usage

```
gtm_zones_list(account_id, container_id, workspace_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/zones/list>

Other zone functions: [gtm_zones_create\(\)](#), [gtm_zones_delete\(\)](#), [gtm_zones_get\(\)](#), [gtm_zones_revert\(\)](#), [gtm_zones_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 11

zones <- gtm_zones_list(accountId, containerId, workspaceId)
```



```
## End(Not run)
```

gtm_zones_revert	<i>Reverts a zone to its original state</i>
------------------	---

Description

This reverts a zone back to its original, unmodified state.

Usage

```
gtm_zones_revert(account_id, container_id, workspace_id, zone_id)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
zone_id	Zone Id

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/zones/revert>

Other zone functions: [gtm_zones_create\(\)](#), [gtm_zones_delete\(\)](#), [gtm_zones_get\(\)](#), [gtm_zones_list\(\)](#), [gtm_zones_update\(\)](#)

Examples

```
## Not run:
accountId <- 1234567
containerId <- 7654321
workspaceId <- 11
zoneId <- 5

zone <- gtm_zones_revert(accountId, containerId, workspaceId, zoneId)

## End(Not run)
```

gtm_zones_update	<i>Update an existing zone</i>
------------------	--------------------------------

Description

This takes a zone resource and overwrites the existing zone in GTM

Usage

```
gtm_zones_update(account_id, container_id, workspace_id, zone_id, zone_object)
```

Arguments

account_id	Account Id
container_id	Container Id
workspace_id	Workspace Id
zone_id	Zone Id
zone_object	Zone Object

See Also

<https://developers.google.com/tag-manager/api/v2/reference/accounts/containers/workspaces/zones/update>

Other zone functions: [gtm_zones_create\(\)](#), [gtm_zones_delete\(\)](#), [gtm_zones_get\(\)](#), [gtm_zones_list\(\)](#), [gtm_zones_revert\(\)](#)

variables_list	<i>Built-In Variable Keys</i>
----------------	-------------------------------

Description

These are the variable names accepted when enabling/disabling Built-In Variables

Arguments

advertiserId	Advertiser Id - Firebase
advertisingTrackingEnabled	Advertiser Tracking Enabled - Firebase
ampBrowserLanguage	Browser Language - AMP
ampCanonicalHost	Canonical Host - AMP
ampCanonicalPath	Canonical Path - AMP

ampCanonicalUrl	Canonical URL - AMP
ampClientId	Page Client ID - AMP
ampClientMaxScrollX	Scroll Width - AMP
ampClientMaxScrollY	Scroll Height - AMP
ampClientScreenHeight	Screen Height - AMP
ampClientScreenWidth	Screen Width - AMP
ampClientScrollX	Scroll Left - AMP
ampClientScrollY	Scroll Top - AMP
ampClientTimestamp	Client Timestamp - AMP
ampClientTimezone	Client Timezone - AMP
ampGtmEvent	AMP Event - AMP
ampPageDownloadTime	Page Downlad Time - AMP
ampPageLoadTime	Page Load Time - AMP
ampPageViewId	Page View Id - AMP
ampReferrer	Document Referrer - AMP
ampTitle	Document Title - AMP
ampTotalEngagedTime	Total Engaged Time - AMP
appId	App Id - Firebase
appName	App Name- Firebase
appVersionCode	App Version Code - Firebase
appVersionName	App Version Name - Firebase
builtInVariableTypeUnspecified	Undefined
clickClasses	Click Classes
clickElement	Click Element
clickId	Click Id
clickTarget	Click Target
clickText	Click Text
clickUrl	Click URL
containerId	Container ID

containerVersion	Container Version
debugMode	Debug Mode
deviceName	Device Name
elementVisibilityFirstTime	Element First Visible
elementVisibilityRatio	Percent Visible
elementVisibilityRecentTime	Element Last Visible
elementVisibilityTime	On Screen Duration
environmentName	Environment Name
errorLine	Error Line
errorMessage	Error Message
errorUrl	Error URL
event	Event
eventName	Event Name
firebaseEventParameterCampaign	Campaign Name - Firebase
firebaseEventParameterCampaignAclid	Click Id (aclid) - Firebase
firebaseEventParameterCampaignAnid	Ad Network ID (anid) - Firebase
firebaseEventParameterCampaignClickTimestamp	Campaign Click Timestamp - Firebase
firebaseEventParameterCampaignContent	Campaign Content - Firebase
firebaseEventParameterCampaignCp1	Campaign Custom Parameter 1 - Firebase
firebaseEventParameterCampaignGclid	Google Click Id (gclid) - Firebase
firebaseEventParameterCampaignSource	Campaign Source - Firebase
firebaseEventParameterCampaignTerm	Campaign Search Term - Firebase
firebaseEventParameterCurrency	In-app Purchase Currency - Firebase
firebaseEventParameterDynamicLinkAcceptTime	Dynamic Link Accept Time - Firebase
firebaseEventParameterDynamicLinkLinkid	Dynamic Link ID - Firebase

firebaseEventParameterNotificationMessageDeviceTime	Notification Device Time - Firebase
firebaseEventParameterNotificationMessageId	Notification Message Id - Firebase
firebaseEventParameterNotificationMessageName	Notification Message Name - Firebase
firebaseEventParameterNotificationMessageTime	Notification Message Time - Firebase
firebaseEventParameterNotificationTopic	Notification Message Topic - Firebase
firebaseEventParameterPreviousAppVersion	Previous Application Version - Firebase
firebaseEventParameterPreviousOsVersion	Previous OS Version - Firebase
firebaseEventParameterPrice	In-app Purchase Price - Firebase
firebaseEventParameterProductId	In-app Purchase Product ID - Firebase
firebaseEventParameterQuantity	In-app Purchase Quantity - Firebase
firebaseEventParameterValue	In-app Purchase Value - Firebase
formClasses	Form Classes
formElement	Form Element
formId	Form Id
formTarget	Form Target
formText	Form Text
formUrl	Form URL
historySource	History Source
htmlId	HTML ID
language	Language
newHistoryFragment	New History Fragment
newHistoryState	New History State
newHistoryUrl	New History URL
oldHistoryFragment	Old History Fragment
oldHistoryState	Old History Stat
oldHistoryUrl	Old History URL
osVersion	OS Version

pageHostname	Page Hostname
pagePath	Page Path
pageUrl	Page URL
platform	Platform
randomNumber	Random Number
referrer	Referrer
resolution	Screen Resolution
scrollDepthDirection	Scroll Depth Direction
scrollDepthThreshold	Scroll Depth Threshold
scrollDepthUnits	Scroll Depth Units
sdkVersion	SDK Version - Firebase
videoCurrentTime	Video Current Time
videoDuration	Video Duration
videoPercent	Video Percent
videoProvider	Video Provider
videoStatus	Video Status
videoTitle	Video Title
videoUrl	Video URL
videoVisible	Video Visible

See Also

Other built in variable functions: [gtm_builtin_create\(\)](#), [gtm_builtin_delete\(\)](#), [gtm_builtin_list\(\)](#), [gtm_builtin_revert\(\)](#)

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