

# Environment Variable Explained

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## Necessary Variables

name	description	notes
SERVER	domain name of the site	This should be the main domain id like your.domain.name without http or https prefix.
HOME	path for home directory	This is an optional when only for using docker-compose. The buckets and other data will be saved under this home directory
MINIO_URL	the ip address or url for minio (internal or external)	This should be the similar to MINIO_PUBLIC_ACCESS_URL. However, in kubernetes, there are the minio url that is being used in kubernetes internal network, and the external minio url also needed to created the link for the minio access.
MINIO_PUBLIC_ACCESS_URL	the ip address or url for minio (external)	This is the external access url for minio that is used to access minio for accessing the images in minio or downloading the data from minio. In case of kubernetes, MINIO_URL and MINIO_PUBLIC_ACCESS_URL might be different, but if it is docker compose, they would be identical.
BUCKET_NAME	bucket name that is used for saving the data in minio	The default will be macroscope-smile. All the user data will be created in the bucket.
RABBITMQ_HOST	the ip address or url for rabbitmq (internal or external)	Similar concept to minio url. This is the url for rabbitmq that might be used in kubernetes internal network. Kubernetes' components will try to access rabbitmq by using this url inside the kubernetes network.
RABBITMQ_URL	the ip address or url for rabbitmq (external)	RabbitMQ's external url that can be accessed outside the kubernetes network. You can access rabbitmq control panel using the browser using this URL.
SMILE_GRAPHQL_URL	URL for the smile's graphql server	It is the combination of main url with port, like http://\${SERVER}:5050/graphql
CILOGON_CLIENT_ID	client id for cilogon	
CILOGON_CLIENT_SECRET	client secret for cilogon	
CILOGON_CALLBACK_URL	call back url for cilogon	
RABBITMQ_URL	url of rabbitmq	The default values is amqp://\${SERVER}:5672
RABBITMQ_HOST	host of the rabbitmq	This is usually the same as SERVER information, so it can be just \${server}
REDIS_URL	url for the redis	The default is usually <a href="#">redis://redis:6379</a> and this might not need to be changed
AWS_ACCESS_KEY	access key values for aws	This is currently used as the login id for minio. Even though if it is not using the aws, this value should not be empty for minio use
AWS_ACCESS_KEY_SECRET	access secret for aws	This also should not be empty because it is being used as minio password

## Optional Variables

name	description	notes
REDDIT_ON	variable to select whether to use reddit or not	The value should be either true or false.
REDDIT_CLIENT_ID	reddit client id	
REDDIT_CLIENT_SECRET	reddit client secret	

REDDIT_CALLBACK_URL	reddit callback url	
TWITTER_ON	variable to select whether to use twitter or not	The value should be either true or false.
TWITTER_CONSUMER_KEY	consumer key for twitter api version 1	This is not being used any more due to the termination of the service.
TWITTER_CONSUMER_SECRET	consumer secret for twitter api version 1	This is not being used any more due to the termination of the service.
TWITTER_V2_CLIENT_ID	client id for X (twitter api version 2)	
TWITTER_V2_CLIENT_SECRET	client secret for X (twitter api version 2)	
TWITTER_V2_CALLBACK_URL	call back url for X (twitter api version 2)	
BOX_CLIENT_ID	client id for Box service	
BOX_CLIENT_SECRET	client secret for Box service	
DROPBOX_CLIENT_ID	client id for dropbox service	
DROPBOX_CLIENT_SECRET	client secret for dropbox secret	
GOOGLE_CLIENT_ID	client id for google	
GOOGLE_CLIENT_SECRET	client secret for google	
CLOWDER_ON	variable to select whether to use clowder or not	The values should be either true or false
CLOWDER_BASE_URL	base url for the clowder service	The default is like https://clowder.\${server}
CLOWDER_GLOBAL_KEY	global key for the clowder	