

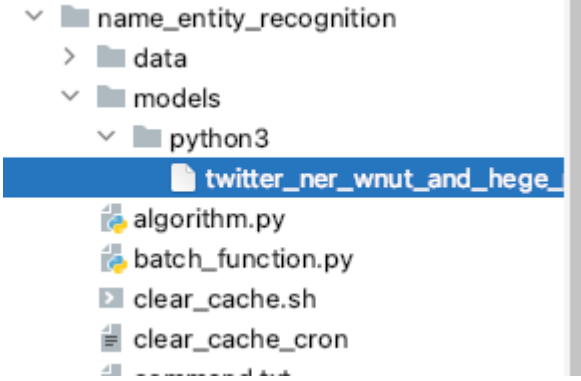
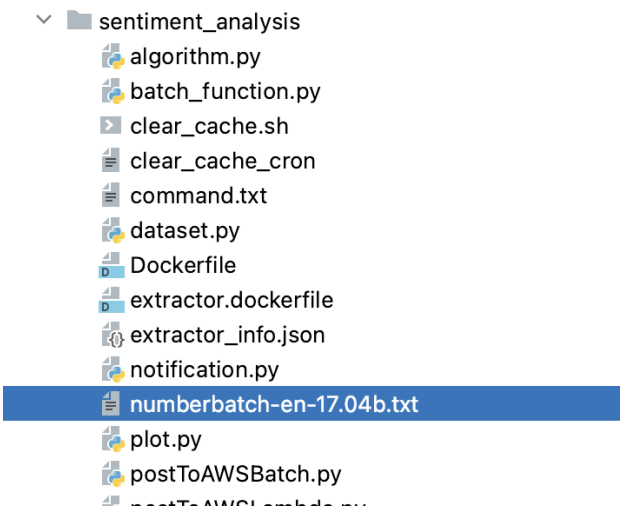
List of Componentes

Landing page

name	Description	Docker.io	Git	Dockerfile
Landing page	Github page populates http://www.socialmediamacroscope.org/	NA	https://github.com/IllinoisSocialMediaMacroScope/smmlanding.github.io	NA

SMILE

name	Description	Docker.io	Git	Dockerfile
redis				
minio				
rabbitmq				
SMILE server	frontend and backend of SMILE	https://hub.docker.com/repository/docker/socialmediamacroscope/smile_server	https://github.com/ncsa/standalone-smm-smile	https://github.com/ncsa/standalone-smm-smile/blob/main/www/Dockerfile
GraphQL	Data server that communicates with twitter/reddit/other social media's APIs	https://hub.docker.com/repository/docker/socialmediamacroscope/smile_graphql	https://github.com/ncsa/standalone-smm-smile/tree/main/www/graphql	https://github.com/ncsa/standalone-smm-smile/blob/main/www/graphql/Dockerfile
Autophrase	Automatically generate phrase out of given text note: it's cloning another git repo in the dockerfile which is written i c++	https://hub.docker.com/repository/docker/socialmediamacroscope/autophrase	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/autophrase	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/autophrase/dockerfile
text classification (step split)	Split text to prepare for machine learning text classification	https://hub.docker.com/repository/docker/socialmediamacroscope/classification_split	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/classification_split	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/classification_split/dockerfile
text classification (step train)	training machine learning text classification	https://hub.docker.com/repository/docker/socialmediamacroscope/classification_train	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/classification_train	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/classification_train/dockerfile
text classification (step predict)	predict based on the trained model	https://hub.docker.com/repository/docker/socialmediamacroscope/classification_predict	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/classification_predict	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/classification_predict/dockerfile

name entity recognition	name entity recognition Need to copy the model file and place it under models folder https://uofi.app.box.com/file/1083866333312 Box link: 	https://hub.docker.com/repository/docker/socialmediamicroscope/name_entity_recognition	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/name_entity_recognition	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/name_entity_recognition/dockerfile
network analysis	network analysis	https://hub.docker.com/repository/docker/socialmediamicroscope/network_analysis	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/network_analysis	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/network_analysis/dockerfile
text preprocessing	stemming etc.	https://hub.docker.com/repository/docker/socialmediamicroscope/preprocessing	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/preprocessing	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/preprocessing/dockerfile
sentiment analysis	sentiment analysis The "debias" model need to be included in the docker build. Here is the model: https://uofi.app.box.com/folder/197138877796 	https://hub.docker.com/repository/docker/socialmediamicroscope/sentiment_analysis	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/sentiment_analysis	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/histogram/dockerfile
topic modeling	topic modeling	https://hub.docker.com/repository/docker/socialmediamicroscope/topic_modeling	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/topic_modeling	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/topic_modeling/dockerfile

reddit comments	batch collection large amount of reddit comments	https://hub.docker.com/repository/docker/socialmediamicroscope/image_crawler	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/collect_reddit_comment	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/collect_reddit_comment/dockerfile
histogram	display the histogram of tweets/reddit posts overtime	https://hub.docker.com/repository/docker/socialmediamicroscope/histogram	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/histogram	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/histogram/dockerfile
image crawler	crawling twitter images into a zip file	https://hub.docker.com/repository/docker/socialmediamicroscope/image_crawler	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/image_crawler	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/image_crawler/dockerfile
screen name prompt	prompt twitter user name/ info when typing in the search box	https://hub.docker.com/repository/docker/socialmediamicroscope/screen_name_prompt	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/screen_name_prompt	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/screen_name_prompt/dockerfile
nginx	nginx configuration for SMM iMBA instance	https://hub.docker.com/repository/docker/socialmediamicroscope/nginx		 Dockerfile  nginx.conf

nginx without SSL	nginx configuration without SSL enabled for SMM iMBA instance	https://hub.docker.com/repository/docker/socialmediamacroscope/nginx_wo_ssl		 nginx_wo_ssl.conf  Dockerfile
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BAE

name	Description	Docker.io	Git	Dockerfile
rabbitmq				
minio				
redis				
mongodb				
BAE server	frontend and backend of BAE	https://hub.docker.com/repository/docker/socialmediamacroscope/bae-server	https://github.com/IllinoisSocialMediaMacroscope/smm-bae/tree/feature/SMM-170-wrap-bae-server-into-docker-container	https://github.com/ncsa/standalone-smm-bae/blob/main/dockerfile
botometer	Check if an account is bot or not (deprecated)	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/botometer_check_bot	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/botometer_check_bot	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/botometer_check_bot/dockerfile
get sim score	get the similarity score between any pair of accounts	https://hub.docker.com/repository/docker/socialmediamacroscope/get_sim_score	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/get_sim_score	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/get_sim_score/dockerfile
bulk comparison	compute the similarity matrix between multiple accounts	https://hub.docker.com/repository/docker/socialmediamacroscope/bulk_comparison	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/bulk_comparison	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/bulk_comparison/dockerfile
check screen name	get twitter user account info based on screen name	https://hub.docker.com/repository/docker/socialmediamacroscope/check_screen_name	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/check_screen_name	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/check_screen_name/dockerfile
screen name prompt	prompt twitter screen name and info when typing	https://hub.docker.com/repository/docker/socialmediamacroscope/screen_name_prompt	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/screen_name_prompt	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/screen_name_prompt
get personality	get IBM personality score (deprecated)	https://hub.docker.com/repository/docker/socialmediamacroscope/get_personality	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/get_personality	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/get_personality/dockerfile
collect timeline	collect twitter user's timeline tweets	https://hub.docker.com/repository/docker/socialmediamacroscope/collect_timeline	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/collect_timeline	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/collect_timeline/dockerfile
utku brand personality	A trained personality prediction model	https://hub.docker.com/repository/docker/socialmediamacroscope/utku_brand_personality	https://github.com/ncsa/standalone-smm-analytics/tree/main/rabbitmq/utku_brand_personality	https://github.com/ncsa/standalone-smm-analytics/blob/main/rabbitmq/utku_brand_personality/dockerfile