

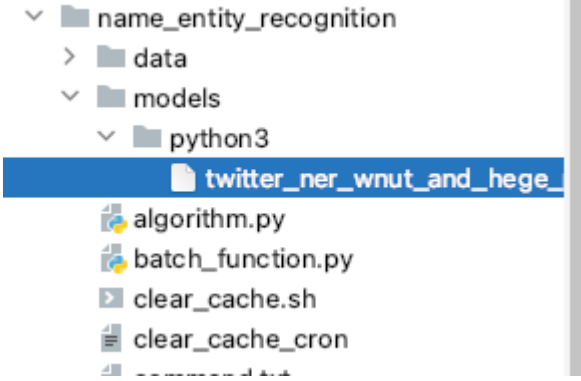
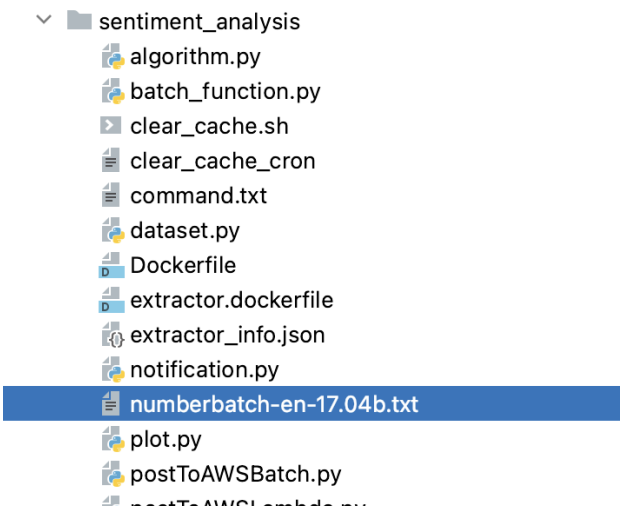
# List of Componentes



## Landing page



name	Description	Docker.io	Git	Dockerfile
Landing page	Github page populates <a href="http://www.socialmediamacroscope.org/">http://www.socialmediamacroscope.org/</a>	NA	<a href="https://github.com/IllinoisSocialMediaMacroscopic/smmlanding.github.io">https://github.com/IllinoisSocialMediaMacroscopic/smmlanding.github.io</a>	NA

## SMILE

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

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

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

nginx without SSL	nginx configuration without SSL enabled for SMM iMBA instance	<a href="https://hub.docker.com/repository/docker/socialmediamacroscope/nginx_wo_ssl">https://hub.docker.com/repository/docker/socialmediamacroscope/nginx_wo_ssl</a>		<div>   nginx_wo_ssl.conf </div> <div>   Dockerfile </div>
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## BAE

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