

Experiment Database **Documentation**

Overview

Description

This document contains database references for the following databases.

Databases

Name
Experiment

DATABASE : EXPERIMENT

Tables

Name	Description
activitytimeline	Stores the communication of each day for the entire history
activitytimelinebuffer	Stores the communication of each day for the present week
bigedgelog	Calculates inter and intra communication between each location for the entire history
bigedgelogbuffer	Calculates inter and intra communication between each location for the present week
data	The log file of the present week
edgelog	Converts the user-user interaction to a location-location interaction
graphnodes	List of nodes in the graph with their corresponding location
locationlist	List of locations with the number of users in them and an id field
motion	A list of date-wise count of the topics for the entire history
motionbuffer	A list of date-wise count of the topics for the present week
motionhelp	A list of topics and dates to help build the table motion
pertopiccommunication	A list of topics and activity in each topic for the entire history
pertopiccommunicationbuffer	A list of topics and activity in each topic for the present week
prepertopiccommunicationbuffer	List of topics and activity in each topic for the past week
ttopics	List of topics and the increase d from last week

Table: activitytimeline

Columns

Name	Type	Description
date	varchar(255)	
topic	int	
increment	int	

Indexes

Name	Type	Columns
PRIMARY	Unique	date

Table: activitytimelinebuffer

Columns

Name	Type	Description
dateb	varchar(255)	
topicb	int	

Indexes

Name	Type	Columns
PRIMARY	Unique	dateb

Table: bigedgelog

Columns

Name	Type	Description
fedge	varchar(255)	
tedge	varchar(255)	
count	int	
increment	int	

Table: bigedgelogbuffer

Columns

Name	Type	Description
fedgeb	varchar(255)	
tedgeb	varchar(255)	
countb	int	

Table: data

Columns

Name	Type	Description
timestamp	varchar(255)	
edges	varchar(255)	
topic	varchar(255)	

Indexes

Name	Type	Columns
PRIMARY	Unique	timestamp

Table: edgelog

Columns

Name	Type	Description
fromedge	varchar(255)	
toedge	varchar(255)	

Table: graphnodes

Columns

Name	Type	Description
node	int	
location	varchar(255)	

Table: locationlist

Columns

Name	Type	Description
location	varchar(255)	
count	int	

Table: motion

Columns

Name	Type	Description
topic	varchar(255)	
date	varchar(255)	
count	int	
increment	int	

Table: motionbuffer

Columns

Name	Type	Description
topicb	varchar(255)	
dateb	varchar(255)	
countb	int	

Table: motionhelp

Columns

Name	Type	Description
topic	varchar(255)	
date	varchar(255)	

Table: pertopiccommunication

Columns

Name	Type	Description
topic	varchar(255)	
activity	int	
increment	int	

Indexes

Name	Type	Columns
PRIMARY	Unique	topic

Table: pertopiccommunicationbuffer

Columns

Name	Type	Description
topicb	varchar(255)	
activityb	int	

Indexes

Name	Type	Columns
PRIMARY	Unique	topicb

Table: prepertopiccommunicationbuffer

Columns

Name	Type	Description
topicb	varchar(255)	
activityb	int	

Indexes

Name	Type	Columns
PRIMARY	Unique	topicb

Table: ttopics

Columns

Name	Type	Description
topic	varchar(255)	
increase	int	

Indexes

Name	Type	Columns
PRIMARY	Unique	topic