

Social Network data capture and analysis tool

Supervisor

Y. Hong (yh37)

MSc Programmes

Agile Software Engineering Techniques (SET)
Software Engineering for Financial Services (SFS)
Web Applications and Services (WAS)
Advanced Distributed Systems (ADS)
Advanced Software Engineering (ASE)
Cloud Computing (SCL)
Advanced Computer Science (ACS)

Prerequisites

Good Java programming skills, familiarity with REST Web Service.

Aims of project

The aim of this project to develop a web-based platform for large-scale tracking and analysis of real-time twitter data containing specific keywords or hashtags. The platform should provide ongoing monitoring of tweets and adopt appropriate repository for storing captured datasets to be used for further analysis.

This project will be supervised in cooperation with Dr Veltri Giuseppe A from the Department of Media and Communication.

Challenges presented by the project

- Tracking and analysis of large-scale twitter/sina weibo data.
- Visualisation and analysis of the captured data.
- Investigating the possibility of adopting semantic web technologies to improve text mining

Learning outcomes

Understanding the collection, visualisation and analysis of social media data.

Nature of end-product

A web-based social media data capture and analysis tool for Twitter or sina Weibo.

References

Twitter API: <https://dev.twitter.com/rest/public> OpenCalais:
<http://www.opencalais.com/documentation/calais-web-service-api>

Actions

New Project

New Project (Copy)

Edit Project

Delete Project

Return To List

Other Pages

All Lists

[University Home](#)

[Faculty of Science](#)

[School Home](#)

[Department Home](#)

[University Index A-Z](#)

[University Search](#)

[University Help](#)

© **University of Leicester**. Last modified: Mon, 19 Feb 2018 16:01:24 +0000.
CS Web Maintainer. This document has been approved by the Head of Department.