A Framework of Dynamic Visualization Tool for Terrorist Meta Crawler

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 162
Number 8

Year of Publication: 2017

Authors:

R. D. Gaharwar, D. B. Shah

10.5120/ijca2017913383

Abstract

Nowadays different types of web crawlers are available to perform variety of tasks. As internet is expanding the need of specialized web crawlers is also increasing with each passing days. Numbers of visualization tools which can be used to dynamically generate visual images are available in market. The need for visual representation of data increases in the case of counter terrorism. Terror activities can be easily and effectively represented as Terrorist Network Graphs where nodes can be terrorist organization/terrorist and edges between these nodes can be communicational, ideological, monitorial etc relationships among them. This graph helps in deciphering the operations of terrorist camps. This paper presents the framework of dynamic Visualization Tool which is connected to Terrorist Meta Crawler and generates Terrorist Network Graphs as output. Moreover this tool will generate the output dynamically hence any topological change in the structure of terrorist networks will be effectively reflected in the Terrorist Network Graphs produced by this tool also.

References


**Index Terms**

Computer Science Networks

**Keywords**

Terrorist Network Graph, Terrorist Networks, Terrorist Meta Crawler, Visualization Meta Crawler