Abstract

Today’s Online Social Networks are to communicate with people and share information with them. In this kind of network process user space is a space where scraps or temporal notes of its users can be displayed. But users have very less control on scraps posted on their space. Abused Scraps which are sending and received on the user private space are riddled by allowing OSN users to have a direct control on the scraps posted on their spaces through Filtering Rules and Context Based Filtering Mechanism. A Flexible Rule System, that allows users to customize the filtering criteria to be applied to their space. The Abused Scraps from the user space can be riddled by Machine Learning based soft classifier. The user has a system with a sophisticated approach to decide which scraps should be inserted into a Blacklist.

**Index Terms**

Computer Science
Information Science

**Keywords**

Content Based Filtering, Machine Learning, Black List, On-line Social Network, Rule Based Information Filtering System.