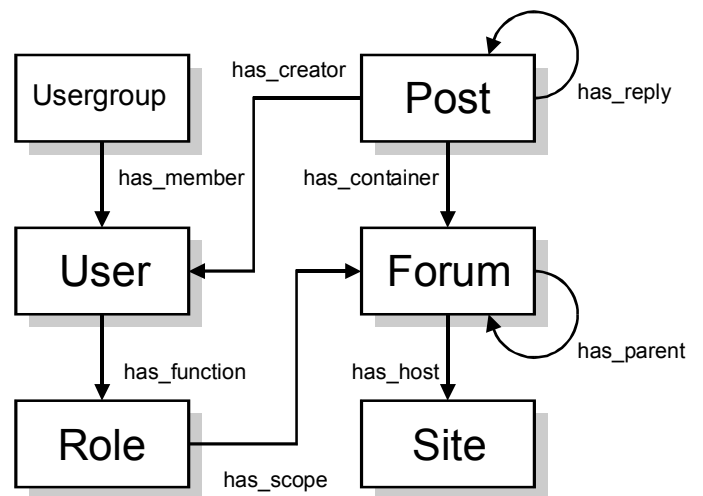# 3: A SIOC Developer's Guide

Semantically-Interlinked Online Communities or **SIOC** is a framework aimed at connecting online community sites and internet-based discussions.
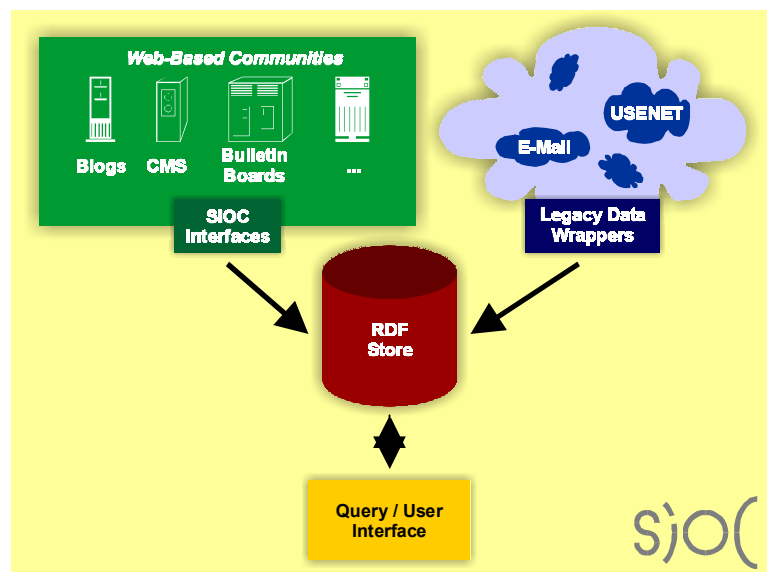
http://sioc-project.org

Producing SIOC Data

- There is a "SIOC-Dev" mailing list for developers at Google Groups

- The SIOC vocabulary for semantically describing discussion terms is available, and can be combined with other vocabularies such as FOAF, SKOS, and Dublin Core

- A SIOC PHP API has been provided for producing SIOC data from PHP-based applications

- You can write a SIOC exporter and connect your discussion system to the metadata-enabled Web

The main concepts in the SIOC ontology

Using SIOC Data

- A list of SIOC data sources can be found on the SIOC "Enabled Sites" wiki page, or by downloading the export list from PingtheSemanticWeb.com

- SIOC and the SPARQL query language decouple consumers of discussion data from the specifics of a particular blog or CMS engine

- A SIOC crawler and browser have been developed, and the open source code is available from the SIOC repository

- Other community applications using SIOC data include SemRadar, OpenLink Data Spaces and TalkDigger

- You can create your own SIOC browsers or other applications building on the above resources

Accessing SIOC data obtained from multiple communities

For an in-depth description of what SIOC is and how to consume SIOC data see:
1: A SIOC Executive Summary and *2: A SIOC End User's Guide*

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