**JSNC: A Universal Java API for Accessing Social Networks**

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**Objectives**
- To provide a universal API that may be used to extract data from multiple social networks
- To save data in relational databases or document databases
- A Uniform Java API for all social networks

**Why Universal API?**
- Application Portability
- Universal Programming Paradigm for Social Networks
- A consistent and uniform programming paradigm for Java developers to accessing social network data

**Existing Java APIs for Social Networks**
- Twitter, TwitterJ, etc.
- Facebook, RestFB, Spring Social, etc.
- Linkedin, Linkedin-J

**What is JSNC?**
- Java Social Network Connectivity
- A universal API for accessing social networks from Java Applications
- The programming paradigm is modelled after JDBC: Java Database Connectivity

**JSNC Architecture**

**Major JSNC Classes and Interfaces**
- DriverManager
- Driver
- Connection
- Request
- Filter
- Response

**Implementing JSNC Drivers**
- JSNC Drivers can be implemented in two approaches
  - Java Wrapper on top of existing APIs, such as TwitterJ, RestFP, etc.
  - Pure Java implementation from scratch

**Project Status and Future Work**
- JSNC is still an on-going effort
- The draft of JSNC specification is being finalized
- The JSNC drivers for Twitter and Facebook are being implemented. The initial implementation will be Java Wrappers.
- Both are scheduled to be released in the end of summer 2015.