MCCG Demonstration Day

IBS Application Programming Interface (API)

May 11, 2016

My Story

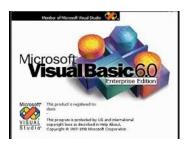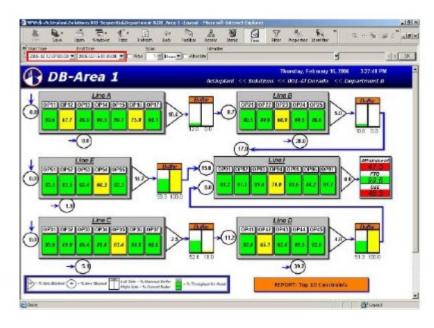# My Story of Extensibility

The Story of this talk

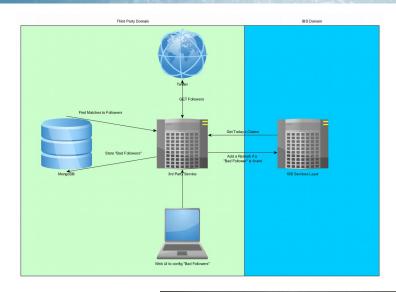# The Story of Resources

The Story of Not Things

Our Goal

Staged Approach

Stage	Topic
1	Generate our initial project
2	Add database connectivity
3	Add role based security
4	Introduce queuing to our project
5	Generate java classes from the IBS schema
6	Add IBS authorization
7	Connect to IBS and perform a search
8	Integrate with social media sites
9	Connect to IBS and add a remark
10	Add a user interface

Code Time

Wrap Up

Where to go from here?

- Use your resources:
  - Mutuality.ca: Perfect for community support
- Next steps for this project:
  - FormLogin: users will most likely require this or LDAP
    - Spring Security supports both.
  - Repository encapsulation
  - MongoDB replication: This can be configured at the MongoDB level, not code.
  - Break that chain: We can do more with queues!
  - Email notification?