Web application component mapping

Noé Fernández
Dozens of emails/day

Lack of information
- Users don’t know what is involved

Complex environment
- Huge number of systems
- Each system has more subsystems
Current situation

- No generic tools
- Unintuitive small tools
  - Without relationships
- Text based
The Project challenge

› **Search engine**
  - Different ways to show the information

› **Information on demand**
Personal Solution

Web Browser

SEARCH ENGINE (where the magic occurs!!)

Terminal

Information Server
Web Interface

Personal Solution

- Use of web interface for authentication and accessing data services.
Personal Solution

Command line tool

```
PS C:\Users\fnoe> java -jar .\web_resolve2.jar fnoe-2-beta.web.cern.ch fnoe-2-beta.web.cern.ch
URL(fnoe-2-beta.web.cern.ch):
  [Load Balancer]:
    fnoe-2-beta.web.cern.ch
  [Web Server]:
    apache_mwmgr_a_01_beta
  [Authentication Server]:
    shibboleth2_mwmgr_a_01_beta
  [Application Server]:
    tomcat_mwm_003_beta
```
The Project Impact

› User friendly

› Productivity
  ▪ Instant queries

› Expandable
  ▪ Ability to show new types of information
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