

The background of the slide is a complex, abstract network diagram. It features a dense web of thin black lines connecting various nodes, some of which are represented by small circles. A prominent feature is a thick, bold black line that forms a large, irregular loop on the left side of the image. The overall aesthetic is technical and digital, suggesting a focus on networking or data systems.

Web application component mapping

Noé Fernández

The Problem

- › **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

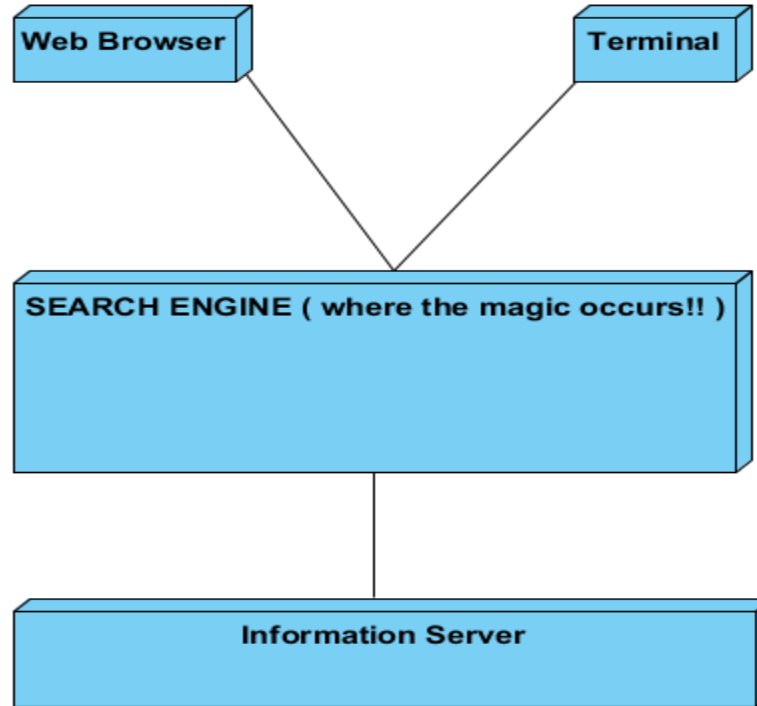
Current situation

- › **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

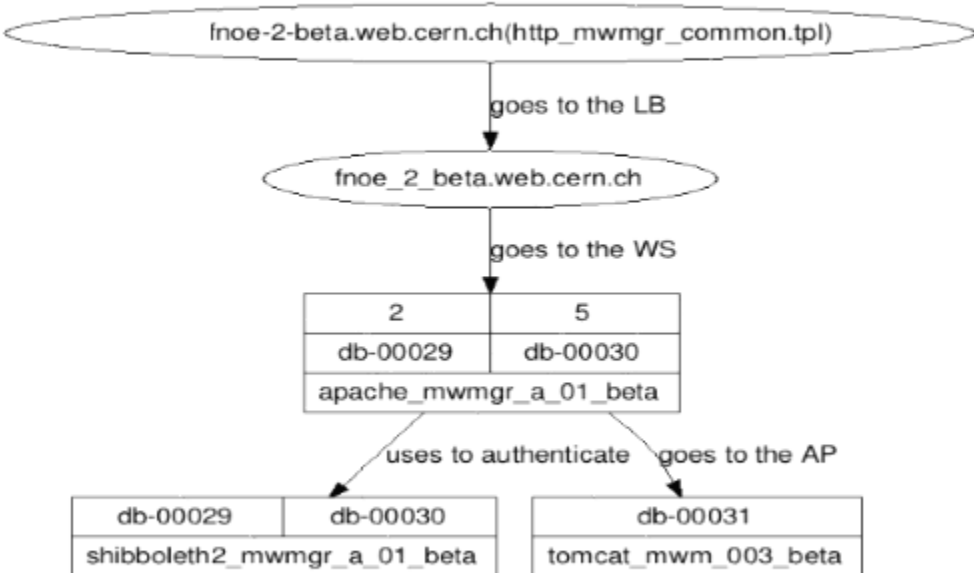


Search

- tomcat_devedhwhf
- tomcat_sde_prod
- tomcat_rfid_prod
- tomcat_webtop_prod
- tomcat_g_jps_jmxmc
- tomcat_g_jps_jmxmc_dev
- tomcat_g_jpsmanager_dev
- tomcat_g_jpsmanager_test
- tomcat_g_jpsmanager_prod
- tomcat_aisfp_dev
- tomcat_edhwhf_dev
- tomcat_qualiac00_dev
- tomcat_aisfp01_dev
- tomcat_2eeps_0001
- tomcat_rfid_dev
- tomcat_webtop_dev
- aistools_jira_dev
- aistools_hjira_dev
- aistools_hrerm_dev
- tomcat_jps_jmxmc_dev
- tomcat_edhadmtool_prod
- tomcat_edhwhf_prod
- tomcat_sde_dev
- tomcat_itdbims01_dev
- tomcat_aisfp_prod
- tomcat_qualiac0
- tomcat_qualiac1

fnoe-2-beta.web.cern.ch Search

More info about this graph



```

graph TD
    A([fnoe-2-beta.web.cern.ch(http_mwmgr_common.tpl)]) -- goes to the LB --> B([fnoe_2_beta.web.cern.ch])
    B -- goes to the WS --> C[apache_mwmgr_a_01_beta]
    C -- uses to authenticate --> D[db-00029 | db-00030]
    C -- goes to the AP --> E[db-00031 | tomcat_mwm_003_beta]
    
```

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

The background of the slide is a complex, abstract network diagram. It consists of numerous nodes, represented by small circles of varying sizes and colors (some black, some white), interconnected by a dense web of thin, grey lines. A prominent feature is a thick, dark grey line that forms a large, irregular loop on the left side of the image. The overall composition is dynamic and suggests a complex system or data flow.

Web application component mapping

Noé Fernández