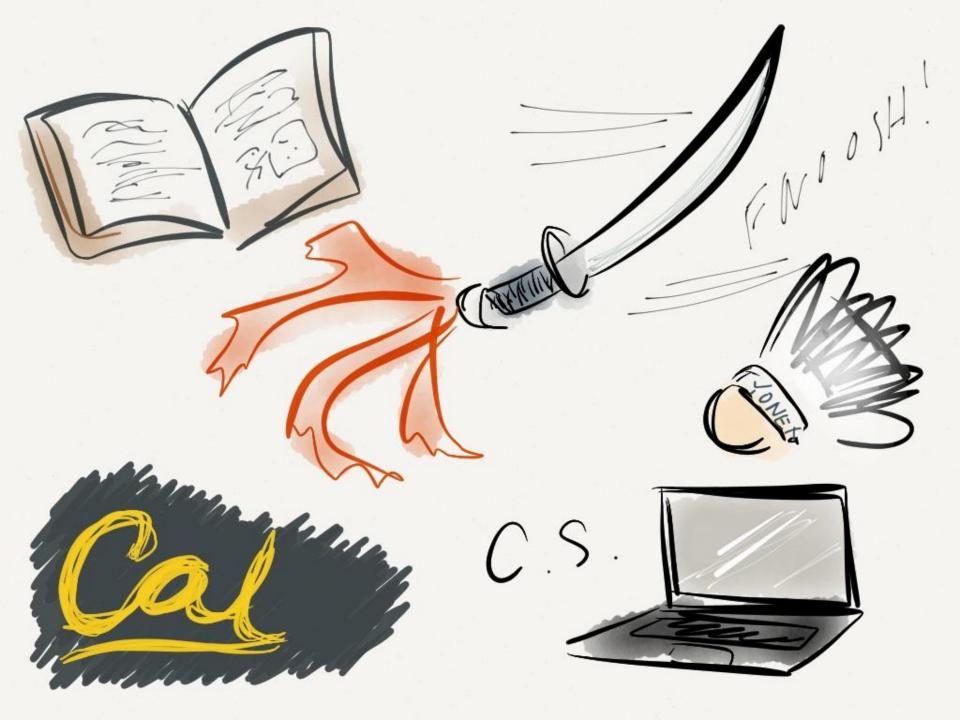
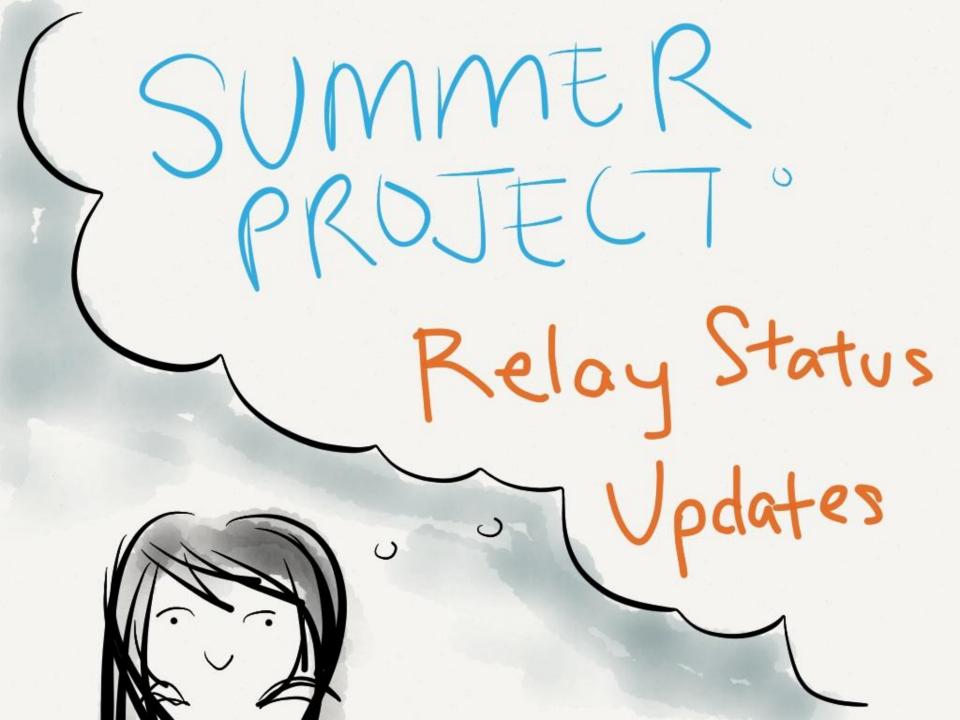
PLATFORMS IntenPro SIATUS

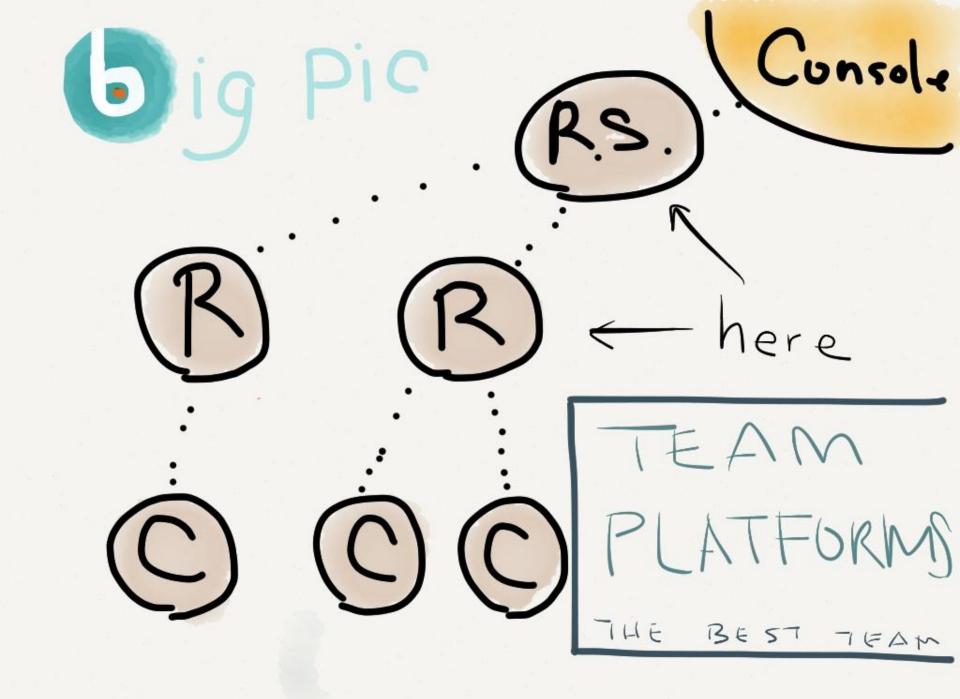
LANSSIE MA

BIGFIXIBM

Introduction:









TO PUT IT SIMPLY:



OUR SOLUTION

SUPPORT NEEDS:

CURRENTLY HAMDLED

Relay Status

Gather failures

Settings PNS failures > Family line

(S)-18-3(C)

· all site URLS

- site version

UPDATED every X seconds

DELIVERABLES

Relay Status Kesvits

- objects
- map of map
- Pluglas

RUOT SERVER New TABLE

- Computer ID - Site URL - Site Version REST

- queries for relay statuses - returns XML of broken relays

TIMELINE

currently

RelayStatusMap Class
typedef std::map<std::string, uint32> SiteVersions;
typedef std::map<complD, SiteVersions> StatusMap;

• StatusMap:

"5175626": "all sites and their current versions"

. SiteVersion Map:

"http://BobsBurgers:52311/cgi-bin/bfgather.exe/actionsite": "19"

- Incoming RelayStatusPlugIn
 handles incoming RelayStatusMap from it's child Relays
 calls InsertChildStatus(): adds Child's RSM to it's own

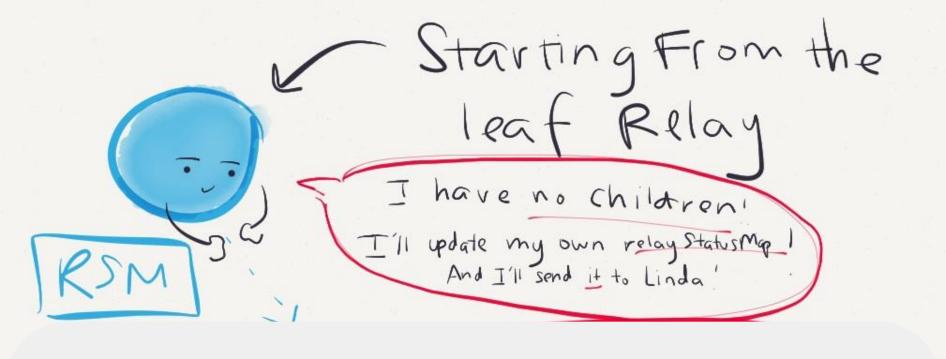
- SendOutgoingRSM

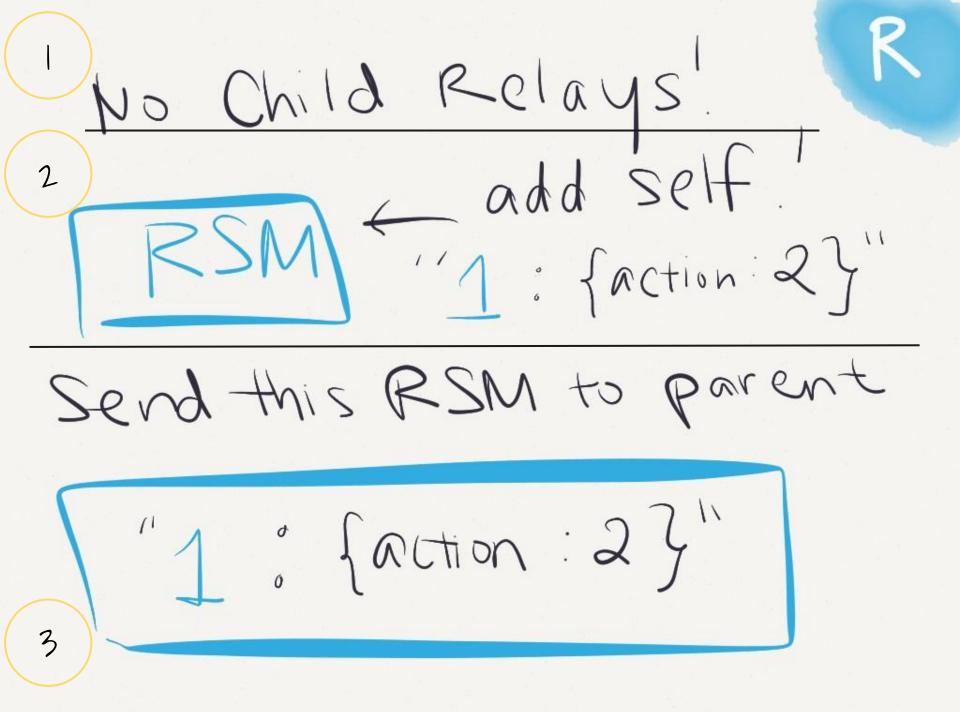
 calls InsertSelfStatus(): adds all "site:versions" + ComplD to it's RSM
 - sends RSM to parent Relay/Server.

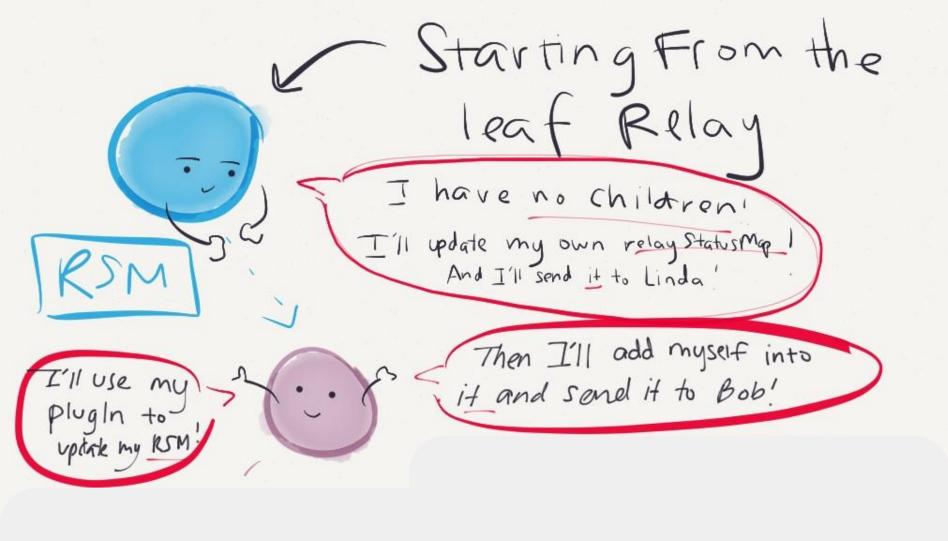
StoreRSM

- stores RSM information into Server Database
- ComplD, SteuRL, SiteVersion

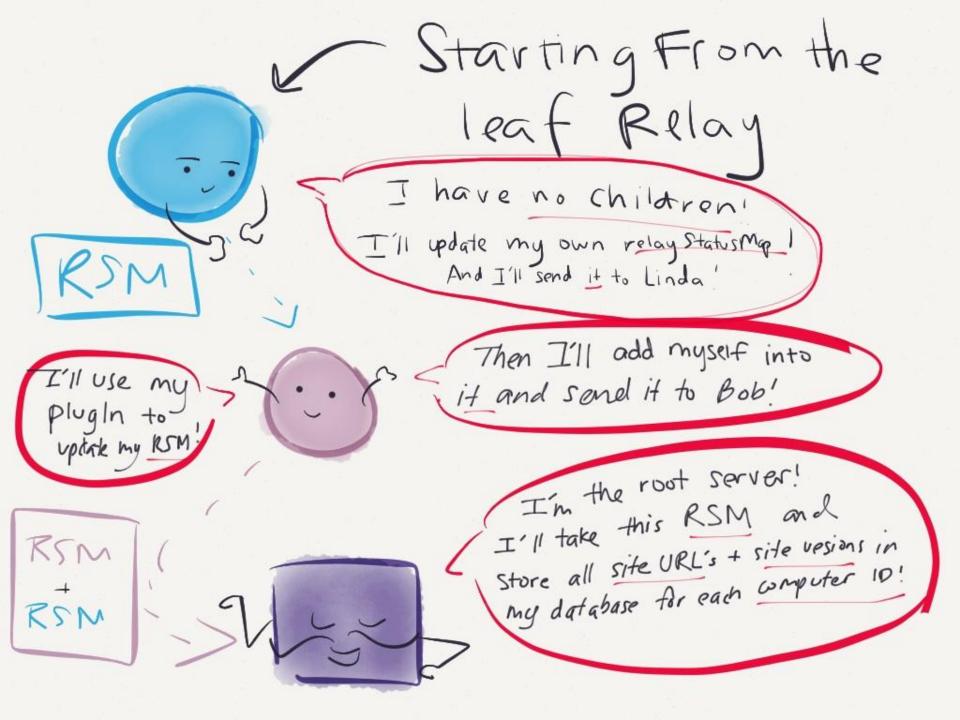
Meet the Crew. Louise Linda Bob Thoy're Relays No. 2 & Root Server



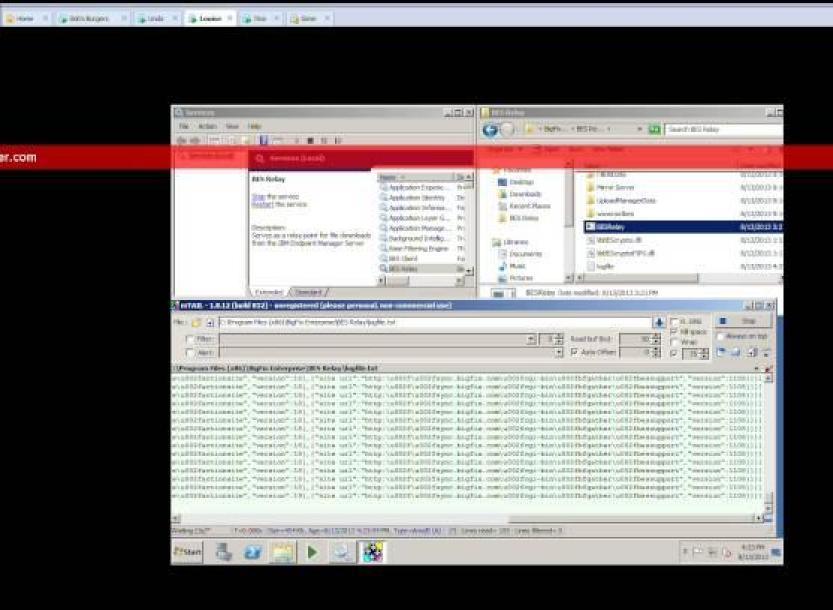




1: {aution: 2} Received this Reform ohild! INSERT This into myown 1: faction:2} 2 UPPATE + SEWD Set 1: Laction; 2 5 2: {action; 2}



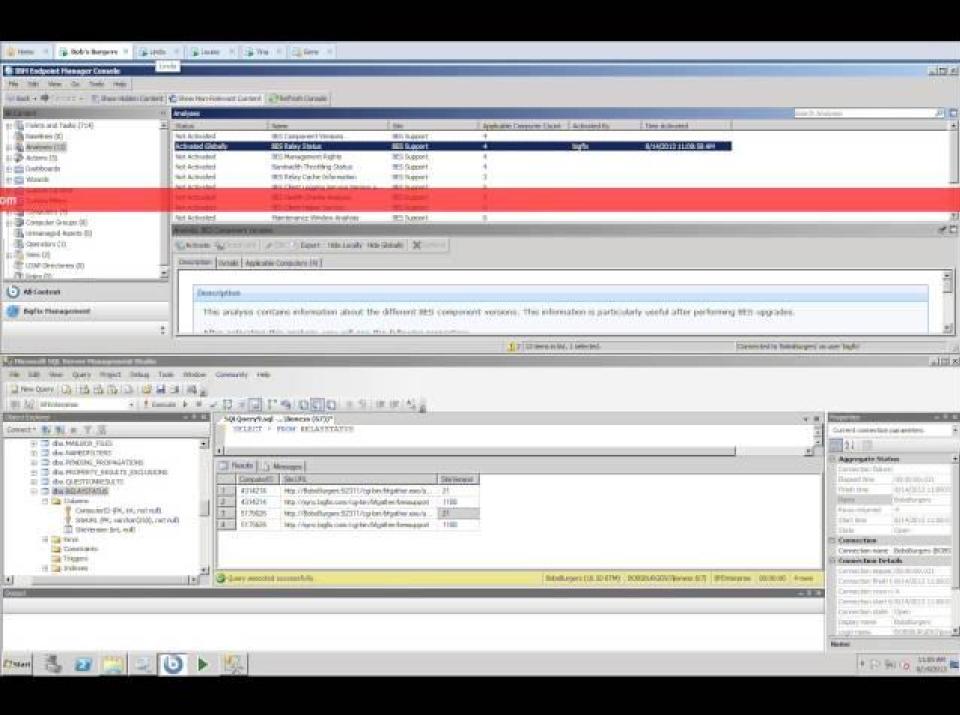
1 : {action: 2} 2; {action: 2} received this but I'm the R.S Update self with this + STORE complDI sHeurl Version In the action Database action



FRONT END DELIVERABLES

DASHBOARD API

- allow support & users to check current relay statuses in real time.



https://bobsburgers: 52311/api/relay-57atus Relay Diagnostic

Only display problematic areas or relays Root Server

last updated 7/7/13 X

on click of RS: display last updated time

on click: displays

Site url: 18 × parent url is 19 Only display problematic sites and their version differences



What I've Learned

petrov = coding practices and techniques



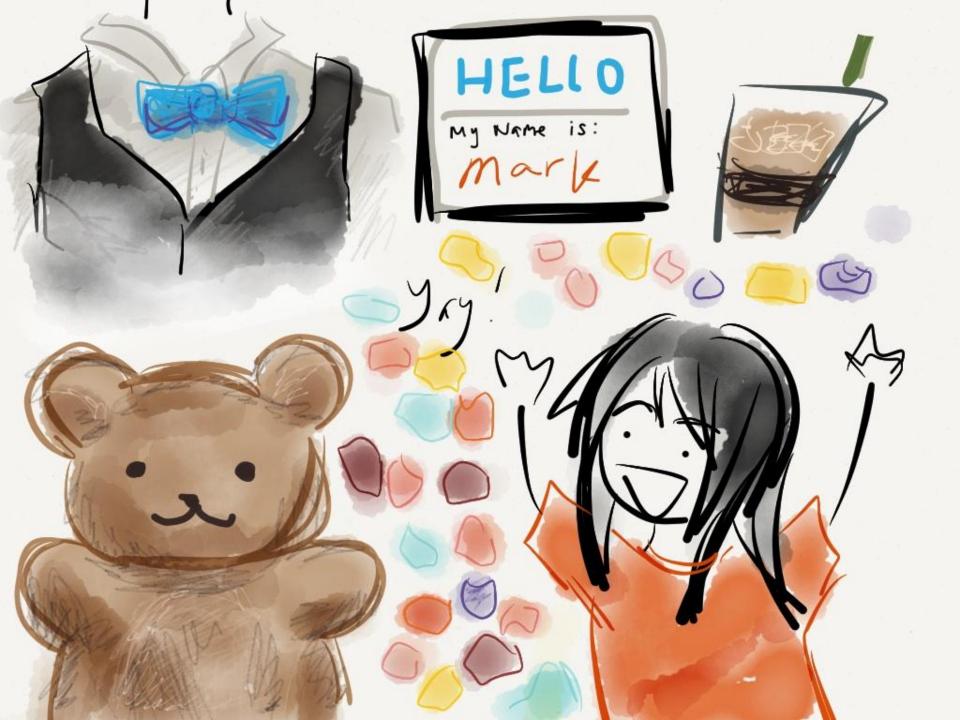
Visual Studios, Perforce, VM, SQL, C++

ACKEND development



summer Experience





Mank you! Questions!