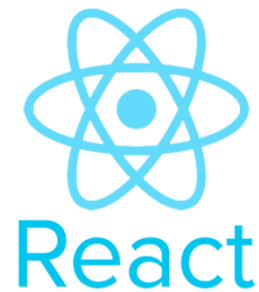


# FRONT END



# HOW TO DESIGN?



# DESIGN SEARCH UI

09-NOV-2016 09:01  
PRAGMA CLOUD SCHEDULER UI

Search site

Q

P

C

G

CPU :  
32

Memory (GB) :  
64

Begin :  
09 - NOV - 2016 08 : 00

End :  
11 - NOV - 2016 08 : 00

Reservation length :  
☒ All period time  
☐ days hours

Additional Network :  
☒ None ☐ ENT ☐ IPOP

Image type :  
Any

SEARCH

Search Resources

Search results (4):  
Click on site's name for more description.

Name	Available CPU	Available Memory (GB)
ABCD cloud	128	180
NCHC cloud	64	180
NIST cloud	64	64
UCSD/SDSC cloud	32	64

RESERVATION

☒ Single cluster on single site  
☐ Single cluster spanning multiple sites  
Selected : 0

RESERVE

ABCD cloud

09 - Nov - 2016

128  
CPUs

180  
GB

CPU

Memory

CPU Available : 128/128  
Memory Available : 180/180

ENT-enabled ☐ IPOP ☐

Description  
Rocks 6.2 KVM. Hosting Virtual clusters and virtual machines

Number of running cluster : 0

MORE INFO

January 11,2016

PRAGMA Cloud scheduler - Meeting#5

3

# DESIGN SEARCH UI / IDEA

SEC3

SEC1

SEC2

### Search Resources

Memory (GB) :  
32 64

Begin :  
09 - NOV - 2016 08 : 00

End :  
11 - NOV - 2016 08 : 00

Reservation length :  
☒ All period time  
☐ days hours

Additional Network :  
☒ None ☐ ENT ☐ IPOP

Image type :  
Any

SEARCH

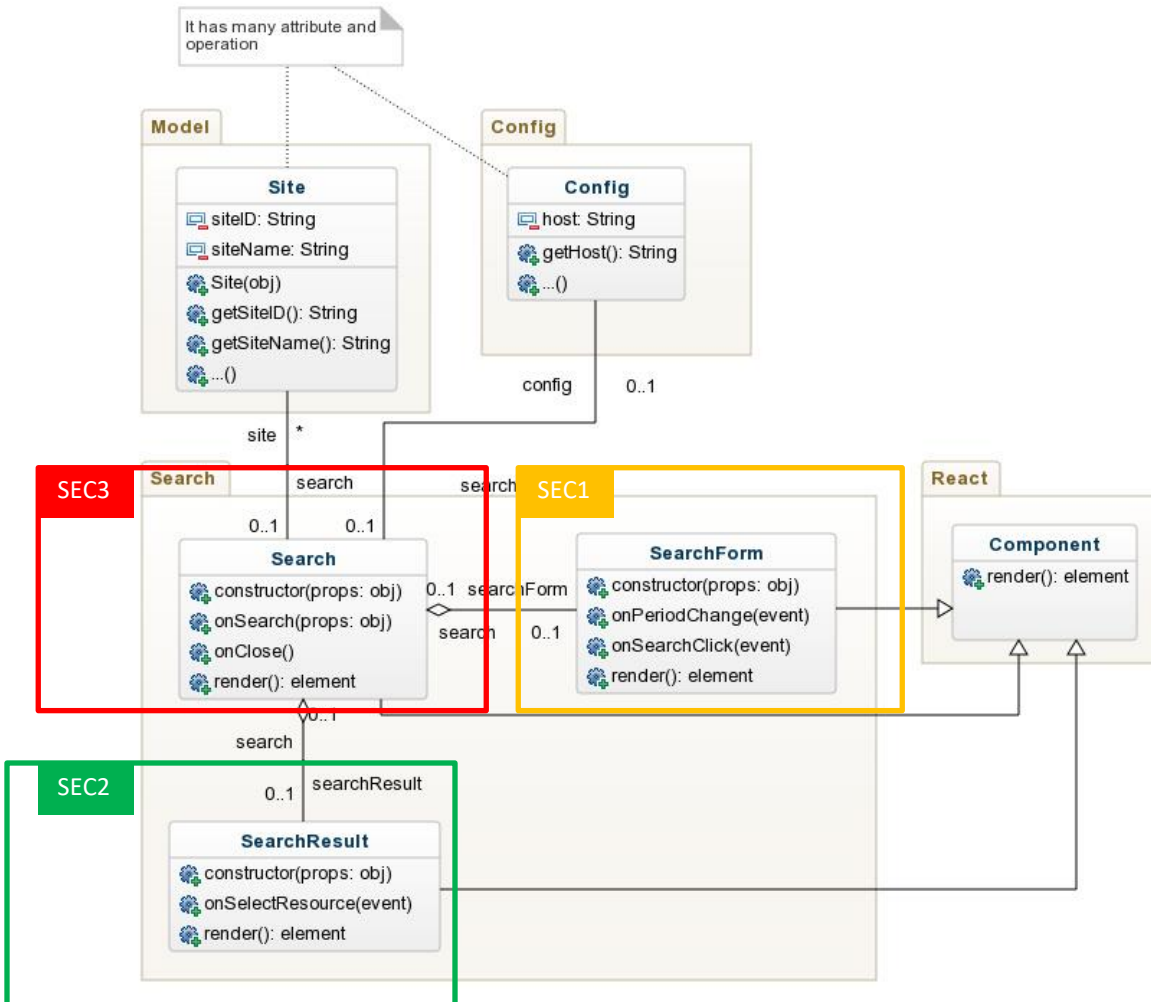
Resources (4):

When clicking a name for more description.

Name	Available CPU	Available Memory (GB)
ABCD cloud	128	180
NCHC cloud	64	180
NIST cloud	64	64
UCSD/SDSC cloud	32	64

# DESIGN

## SEARCH UI / CLASS DIAGRAM



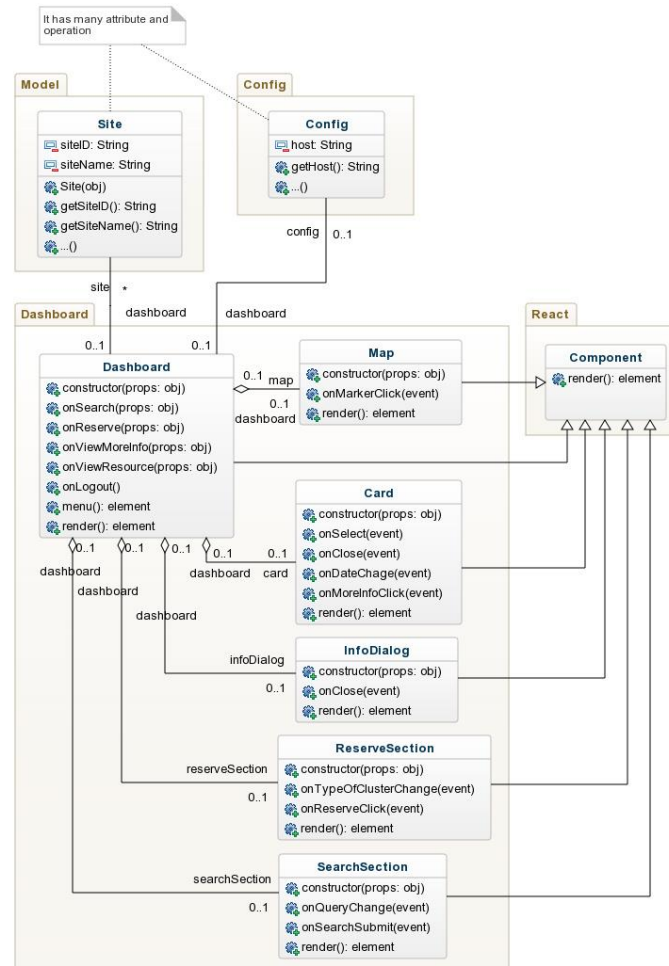
# OTHER UI / CLASS DIAGRAM

DASHBOARD  
RESERVATION  
SETTINGS

# DESIGN DASHBOARD UI



# DESIGN DASHBOARD UI / CLASS DIAGRAM





# DESIGN RESERVATION UI

PRAGMA Cloud Testbed services

09-NOV-2016 09:01

Search site

### Create a New Reservation

1 --- 2 --- 3  
Specify description Additional description Confirm reservation

Begin :  
09 - Nov - 2016 10 : 00 ▾

End :  
11 - Nov - 2016 15 : 00 ▾

Reservation Length : 2 Days, 5 Hours

CPUs : 16 Memory (GB) : 64

CPUs : 32 Memory (GB) : 64

Image type :  
centOS7 ▾

RESERVATION

☐ Single cluster on single site  
☒ Single cluster spanning multiple sites  
Selected : 2

AIST cloud

< 09 - Nov - 2016 >

128 CPUs 180 GB

CPU Memory

CPU Available 0/6139  
Memory Available 0/2182

ENT-enabled ☒ IPOB ☒

Description  
Nodes 8,2X VM, Missing virtual clusters  
and virtual machines

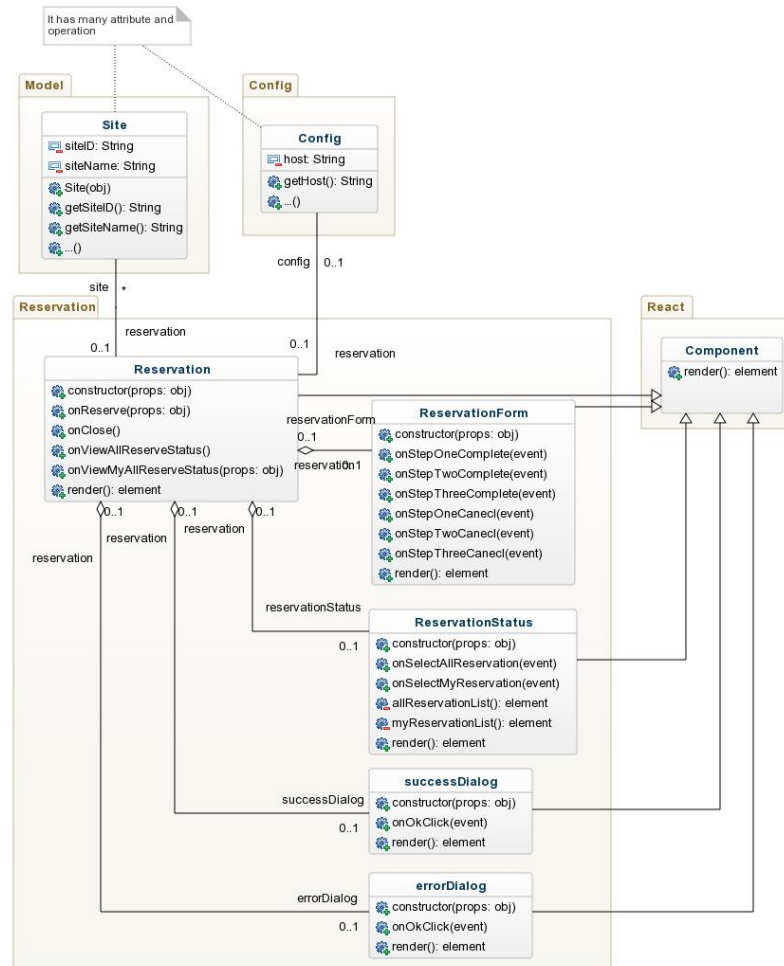
Number of running cluster : 0

SPTU cloud

< 09 - Nov - 2016 >

128 CPUs 176 GB

# DESIGN RESERVATION UI / CLASS DIAGRAM



# DESIGN SETTINGS UI



# DESIGN SETTINGS UI / CLASS DIAGRAM

