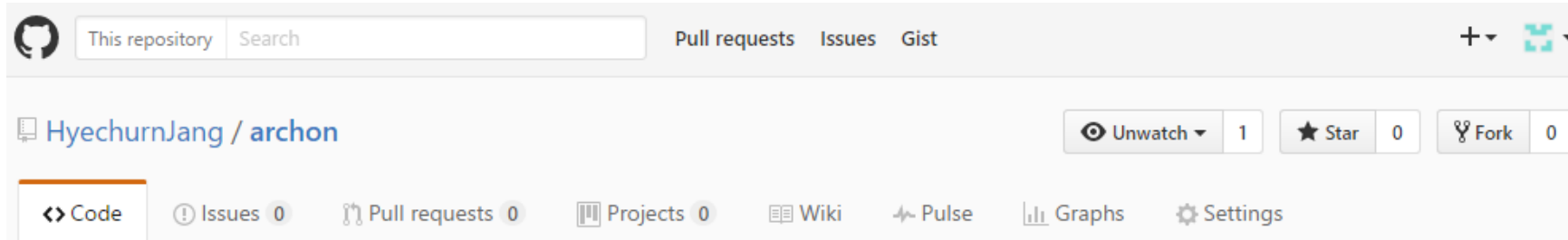




# Cisco Webkit Developer Guide

# Getting Start



<https://github.com/HyechurnJang/archon>

15 commits   1 branch   0 releases   1 contributor   Apache-2.0

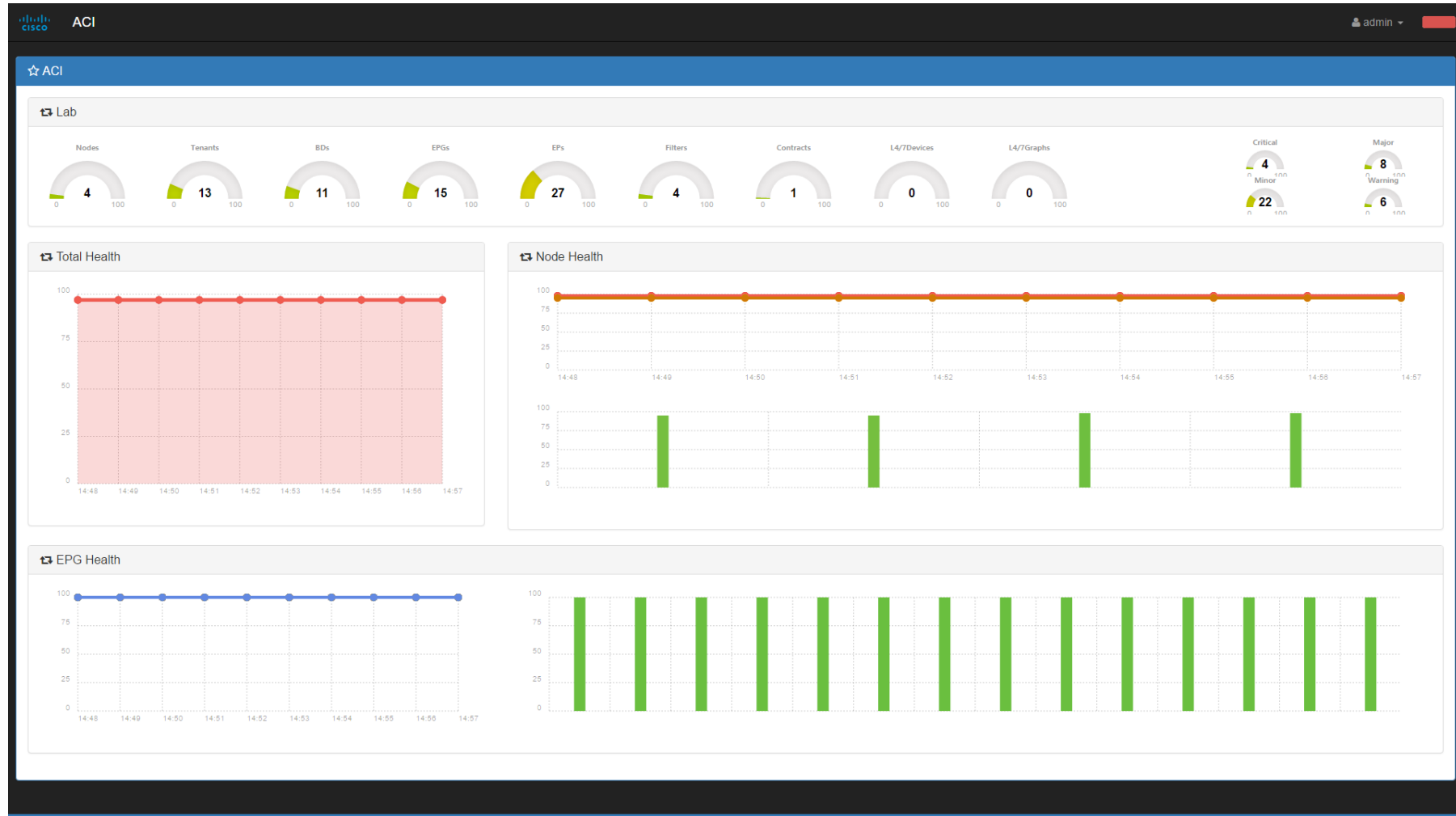
Branch: master   New pull request   Create new file   Upload files   Find file   Clone or download

HyechurnJang readme update   Latest commit 0c90f27 4 minutes ago

application	Arranged	4 hours ago
archon	Manager Alloc Fix	38 minutes ago
document/sample/app	Arranged	4 hours ago
.gitignore	Arranged	4 hours ago
LICENSE	Initial commit	14 days ago
README.md	readme update	4 minutes ago
manage.py	Initial Commit	13 days ago

# Older Version

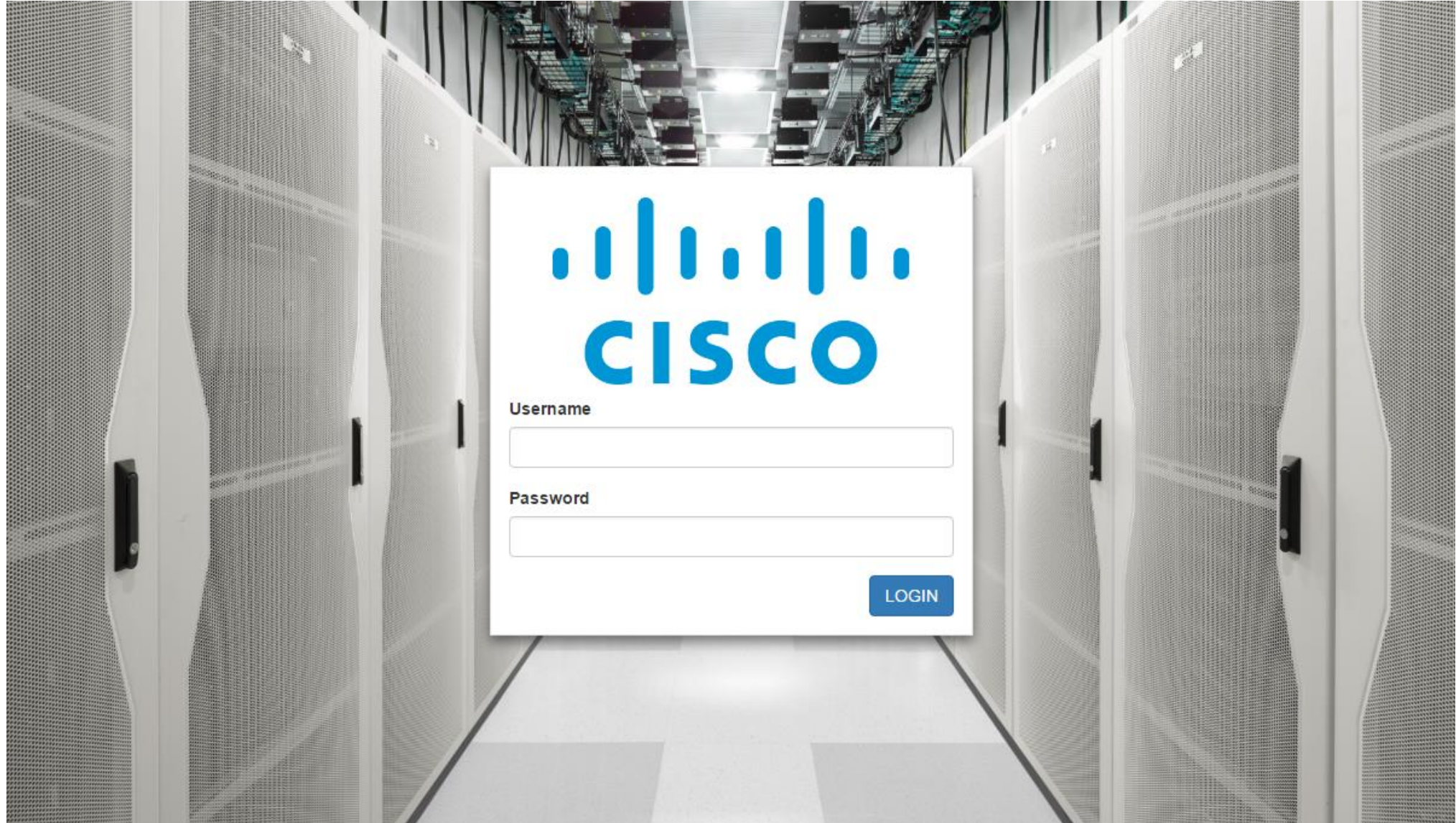
<https://github.com/CiscoKorea/ciscowebkit>



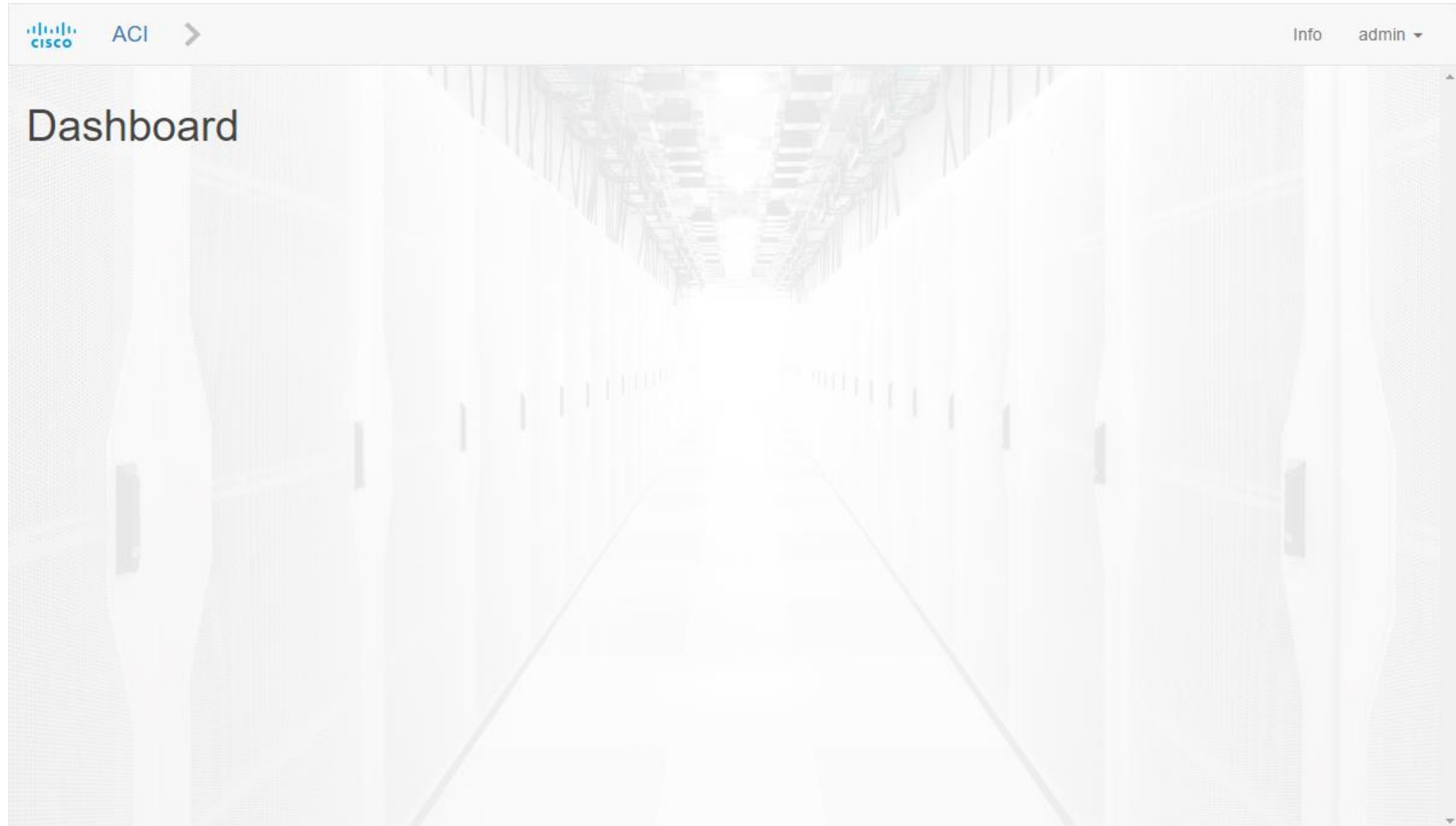
# Look & Feel



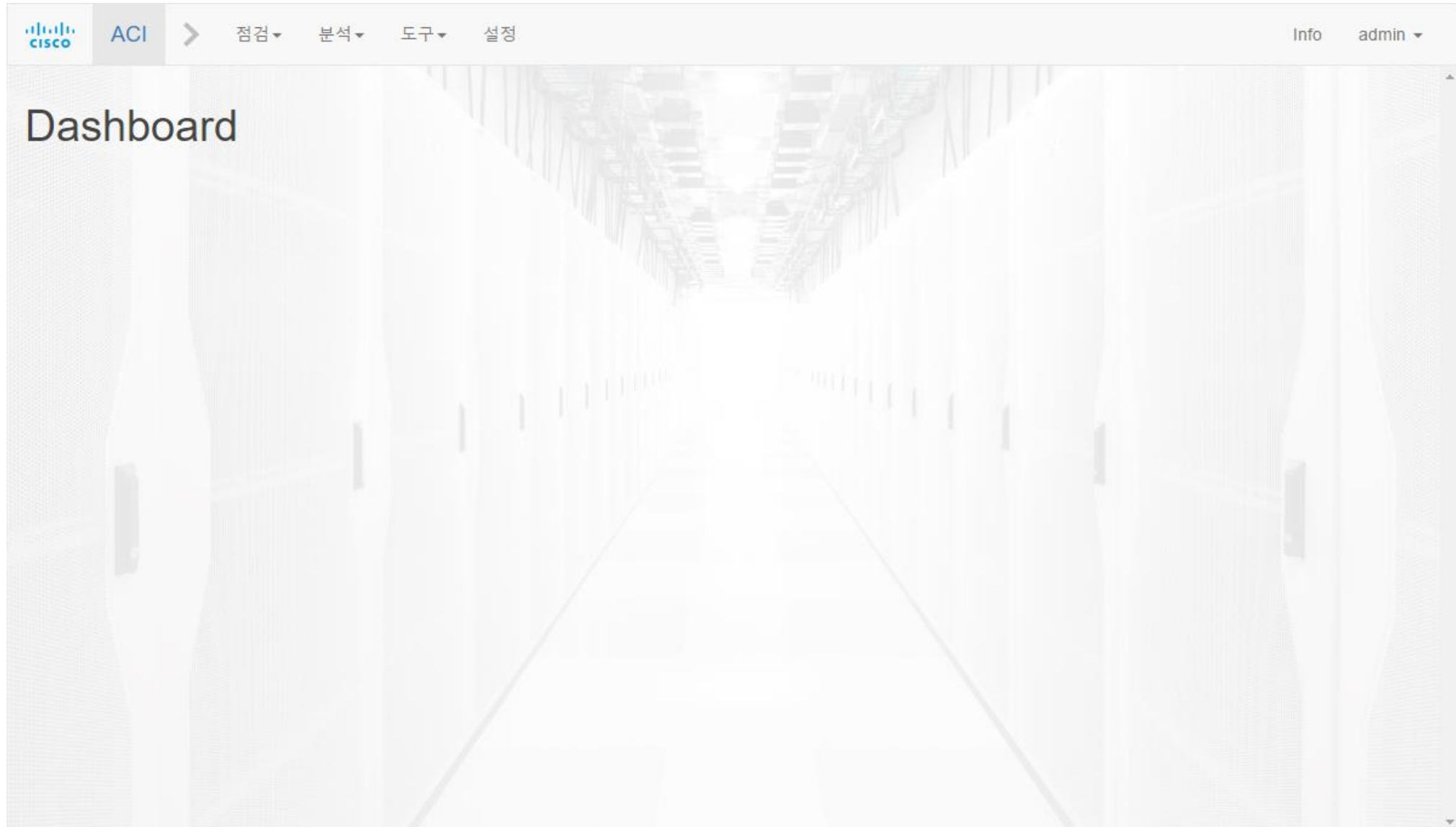
# Log-In View



# Dashboard View



# Application & Page Selector





# Page View

장기

Test 도메인

Search:

장기

테넌트

엔드포인트그룹

엔드포인트

컨트랙

외부네트워크

오류

Type	ID	Name	Model	Serial	Version	INB Mgmt IP	OOB Mgmt IP	State	Uptime
Controller	2	apic2	APIC-SERVER-M1	FCH1830V07H	2.1(1h)	0.0.0.0	10.72.86.22	Service	04:14:50:5
Controller	1	apic1	APIC-SERVER-M1	FCH1833V0SG	2.1(1h)	0.0.0.0	10.72.86.21	Service	04:14:51:0
Controller	3	apic3	APIC-SERVER-M1	FCH1833V0NW	2.1(1h)	0.0.0.0	10.72.86.23	Service	04:14:50:5
Leaf	103	LEAF-103	N9K-C93108TC-EX	FDO20220U3N	n9000-12.1(1h)	0.0.0.0	10.72.86.127	Service	04:14:54:42
Leaf	102	LEAF-102	N9K-C93180YC-EX	FDO202521CK	n9000-12.1(1h)	0.0.0.0	10.72.86.28	Service	04:14:54:52
Leaf	101	LEAF-101	N9K-C93180YC-EX	FDO20250427	n9000-12.1(1h)	0.0.0.0	10.72.86.27	Service	04:14:54:51
Spine	201	SPINE-201	N9K-C9336PQ	SAL1824UNNV	n9000-12.1(1h)	0.0.0.0	10.72.86.29	Service	04:14:54:45
Spine	202	SPINE-202	N9K-C9336PQ	SAL1824UNPJ	n9000-12.1(1h)	0.0.0.0	10.72.86.30	Service	04:14:54:45

Showing 1 to 8 of 8 entries

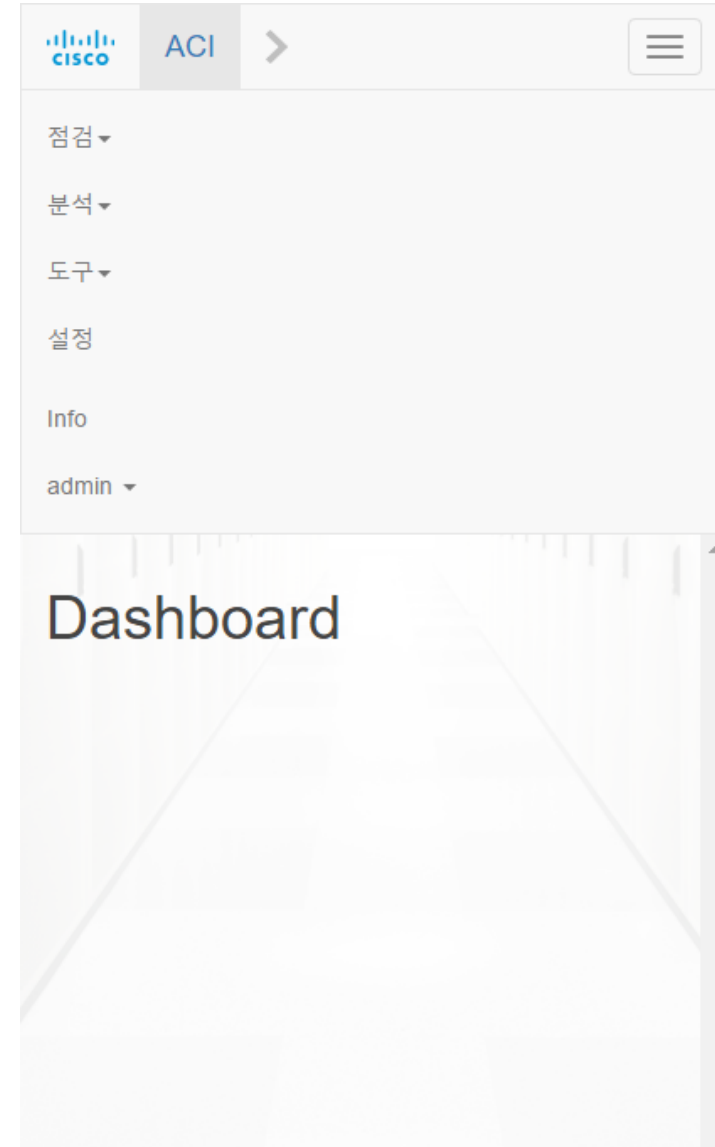
Previous

1

Next

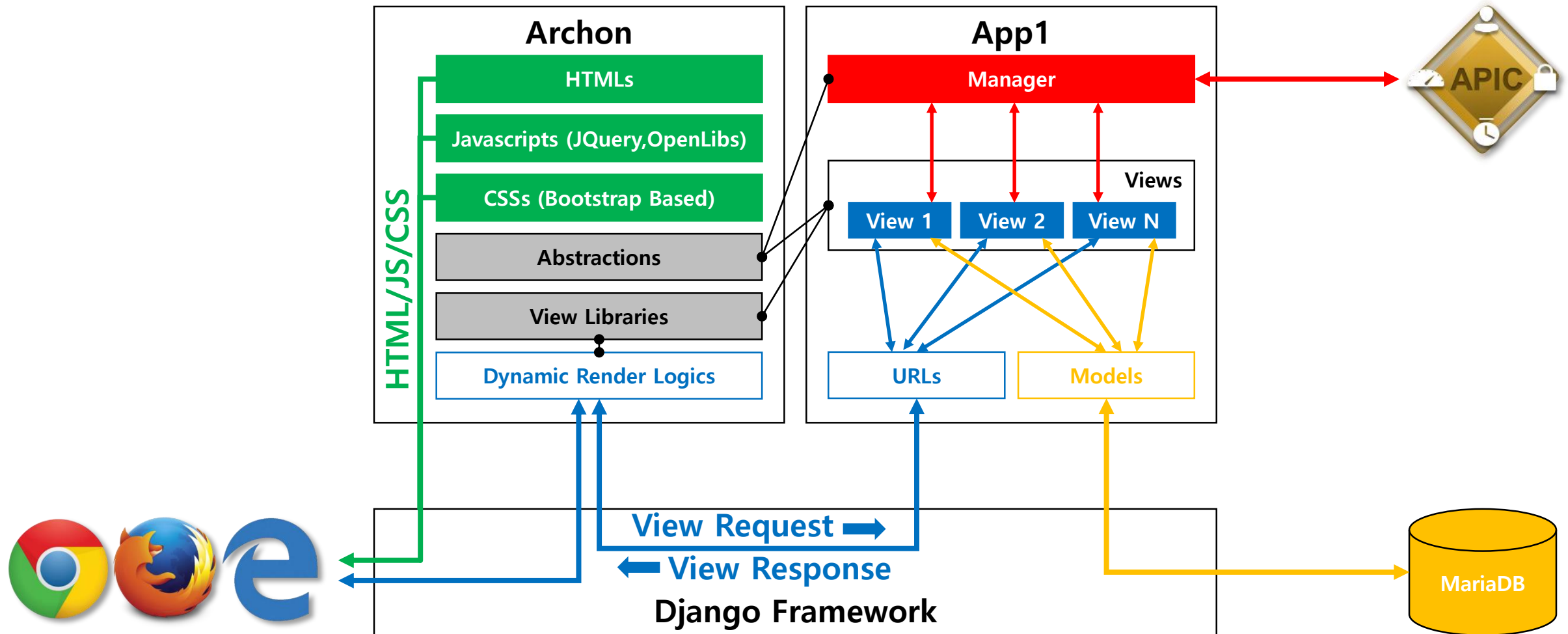


# View on Mobile Device



# How do we make some app?

# Architecture



# Grammar

**App Selector**

**View Selector**

**“Dashboard” App**

**“ACI” App**

**URLs**

**Sub-URLs**

Type	ID	Name	Model	Serial	Version	INB Mgmt IP	OOB Mgmt IP	State	Uptime
Controller	2	apic2	APIC-SERVER-M1	FCH1830V07H	2.1(1h)	0.0.0.0	10.72.86.22	Service	04:14:50:5
Controller	1	apic1	APIC-SERVER-M1	FCH1833V0SG	2.1(1h)	0.0.0.0	10.72.86.21	Service	04:14:51:0
Controller	3	apic3	APIC-SERVER-M1	FCH1833V0NW	2.1(1h)	0.0.0.0	10.72.86.23	Service	04:14:50:5
Leaf	103	LEAF-103	N9K-C93108TC-EX	FDO20220U3N	n9000-12.1(1h)	0.0.0.0	10.72.86.127	Service	04:14:54:42
Leaf	102	LEAF-102	N9K-C93180YC-EX	FDO202521CK	n9000-12.1(1h)	0.0.0.0	10.72.86.28	Service	04:14:54:52
Leaf	101	LEAF-101	N9K-C93180YC-EX	FDO20250427	n9000-12.1(1h)	0.0.0.0	10.72.86.27	Service	04:14:54:51
Spine	201	SPINE-201	N9K-C9336PQ	SAL1824UNNV	n9000-12.1(1h)	0.0.0.0	10.72.86.29	Service	04:14:54:45
Spine	202	SPINE-202	N9K-C9336PQ	SAL1824UNPJ	n9000-12.1(1h)	0.0.0.0	10.72.86.30	Service	04:14:54:45

Showing 1 to 8 of 8 entries

Previous 1 Next



# Grammar

Subject-Page

Menu

장치

테스트 도메인

Search:

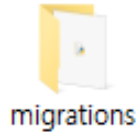
Type	ID	Serial	Version	INB Mgmt IP	OOB Mgmt IP	State	Uptime		
Controller	2	apic2	APIC-SERVER-M1	FCH1830V07H	2.1(1h)	0.0.0.0	10.72.86.22	Service	04:14:50:5
Controller	1	apic1	APIC-SERVER-M1	FCH1833V0SG	2.1(1h)	0.0.0.0	10.72.86.21	Service	04:14:51:0
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Leaf	103	LEAF-103	N9K-C93108TC-EX	FDO20220U3N	n9000-12.1(1h)	0.0.0.0	10.72.86.127	Service	04:14:54:42
Leaf	102	LEAF-102	N9K-C93180YC-EX	FDO202521CK	n9000-12.1(1h)	0.0.0.0	10.72.86.28	Service	04:14:54:52
Leaf	101	LEAF-101	N9K-C93180YC-EX	FDO20250427	n9000-12.1(1h)	0.0.0.0	10.72.86.27	Service	04:14:54:51
Spine	201	SPINE-201	N9K-C9336PQ	SAL1824UNNV	n9000-12.1(1h)	0.0.0.0	10.72.86.29	Service	04:14:54:45
Spine	202	SPINE-202	N9K-C9336PQ	SAL1824UNPJ	n9000-12.1(1h)	0.0.0.0	10.72.86.30	Service	04:14:54:45

Showing 1 to 8 of 8 entries

Previous 1 Next

# Sample App

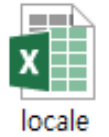
Go to {Archon Root}/document/sample/app



Intermediate DB Scheme (Not Your Scope : Create with execute “makemigrations”)



Application Package Entrance Point (Generally Not Use)



Locale Messages



**App's Manager**



**App's DB Model Scheme**



**App's URL Link Definition**



**App's View Processing**

# Manager

```
import archon

#=====
# Create your manager here.
#=====
class Manager(archon.ManagerAbstraction):

    def __init__(self):
        pass
```

- Create manager code inherited with “**archon.Manager**”
- Manager logic is your own

# Model

```
from __future__ import unicode_literals
from django.db import models
from archon import modelview
```

```
#=====
# Create your models here.
#=====
class Sample(models.Model):
    author = models.CharField(max_length=64)
    text = models.CharField(max_length=1024)

modelview(Sample)
```

- Create model code inherited with “**models.Model**”
- Follow Django's model creation rules
- “**modelview({MODEL NAME})**” link to Administrator's model manager



# URL

```
from django.conf.urls import url, include
from . import views
```

```
#=====
# Link your view here.
#=====
url_dropdown = [
    url(r'sample1/?', views.sample1, name=u'샘플 1'),
    url(r'sample2/?', views.sample2, name=u'샘플 2'),
]

urlpatterns = [
    url(r'dropdown/', include(url_dropdown, namespace=u'드롭다운리스트')),
    url(r'direct_sample/?', views.direct_sample, name=u'즉시로딩'),
]
```

- **“urlpatterns”** Is default variable which entrance point
- Construct URL is
  - URL : “url(r’**{URL TEXT}**/?’ , views.**{VIEW NAME}**, name=u’**{DISPLAY TEXT}**’)”
  - Sub-URL : url(r’**{URL TEXT}**/’, include(**{SUB URL NAME}**, namespace=u’**{DISPLAY TEXT}**’)”
  - Support 1 level Sub-URL

# View

```
from archon import *
from manager import Manager
```

```
#=====
# Create your views here.
#=====
```

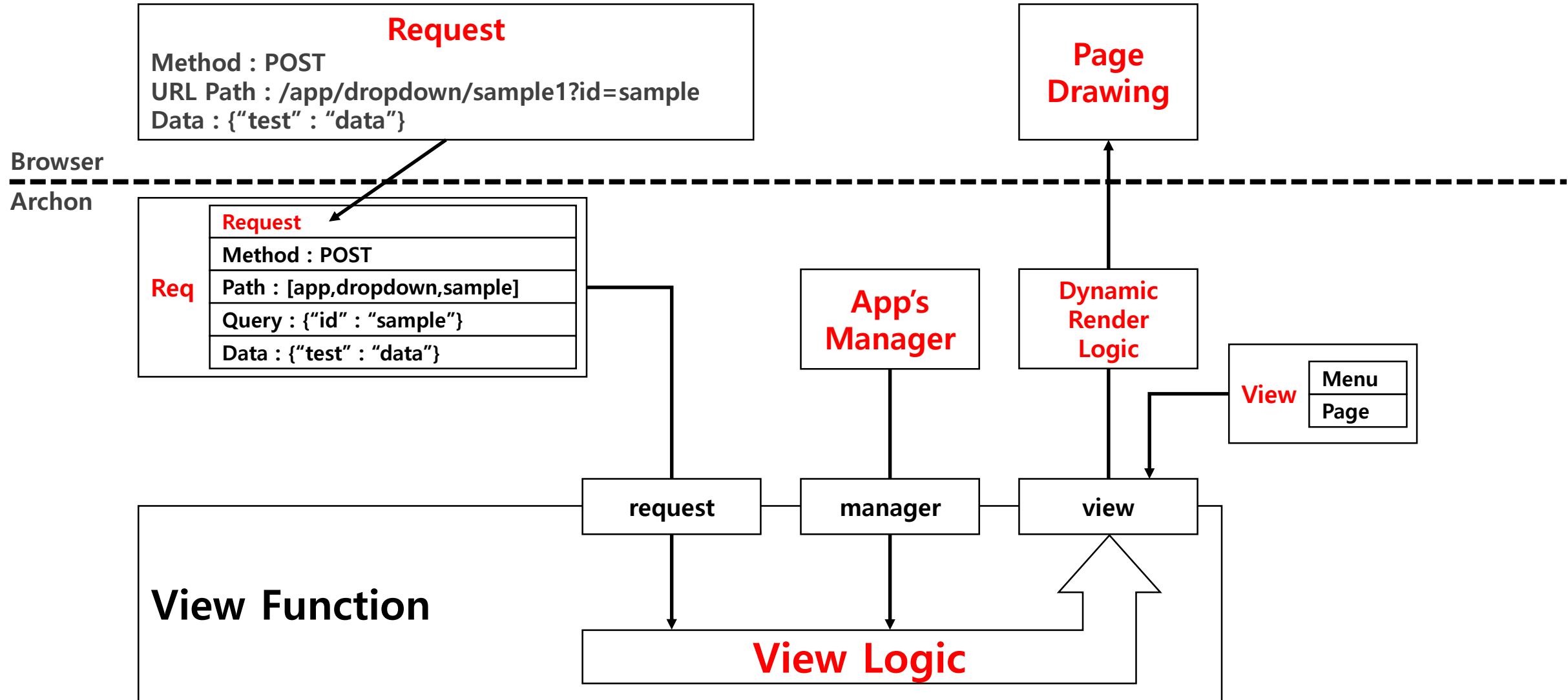
```
@pageview(Manager)
def direct_sample(request, manager, view):
    view.Page.html('Direct Sample Page')
```

```
@pageview(Manager)
def sample1(request, manager, view):
    view.Page.html('Sample 1 Page')
```

```
@pageview(Manager)
def sample2(request, manager, view):
    view.Page.html('Sample 1 Page')
```

- Decorator with “**@pageview({MANAGER})**”
- Argument : “**request, manager, view**”
- “return” not use

# View's Processing Mechanism



# Let's Subscribe, Contribute, Work Together!

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