

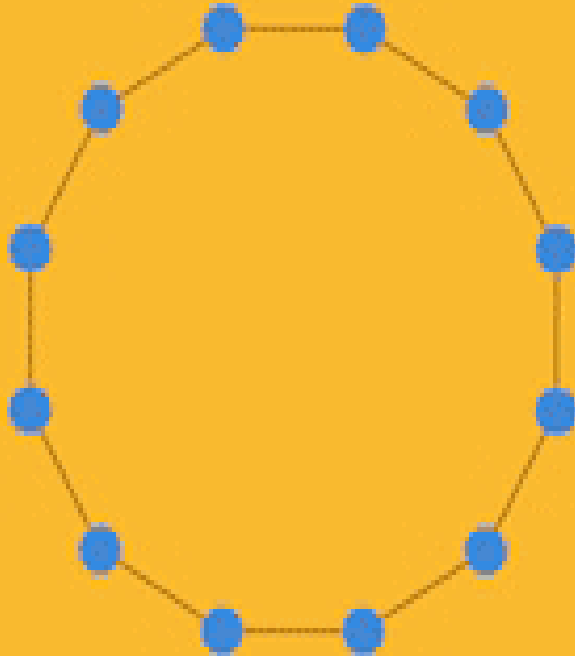


5. Framework

FRAMEWORK

BIT x Grad Dip Graphics

Framework



- **Frame** "qolip (*рус.рамка*)"
Work "ishlamoq" - *malum bo'lgan muammo yoki vazifani bajarish yo'li tushiniladi*

Pattern vs Framework

Muammo yechish davomida elemnt vazifasini bajaradi (masalan siklar yoki adaptive tahlil qilish)



Yechim yo'li bunda yechim mexanizmi va barcha elementlar oldindan belgilangan



Framework qanday ishlaydi?

Tayyor yo'nalishlar asosida yechimga erishish framework asosida amalga oshiriladi

+ New message

Delete Archive Junk Sweep Move to Categories Undo

Inbox

Filter

Urgent: Need for earnings call



Adin Scavel

Lunch this week!
Let's catch up soon.

Mon 1:26 PM



Kathy Thompson

> Mark & Quarterly sales
No preview is available.

Mon 2:41 PM

Last Week



Elizabeth Moore

Urgent: Need for earnings call
Can you send me the latest financials...

Fri 6/28



Christie Klein

Coffee
Hey! Are you free this week? Let's...

Tue 6/25



Debra Berger

Time Off
Just talked to @Nector Wilkin and he...

Tue 6/25



Elizabeth Moore

Fri 3/23/2016 9:34 AM

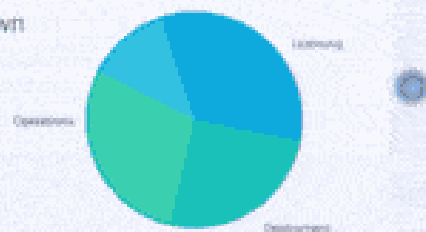
I've crunched the numbers, here are VanArsdel Mark



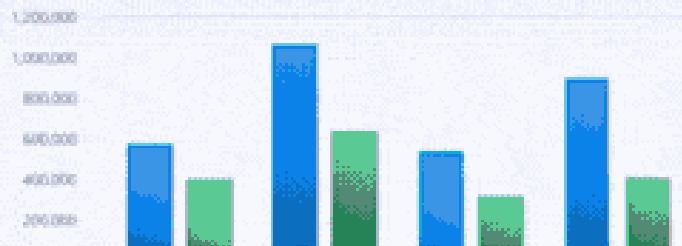
Annual costs breakdown

VanArsdel Mark 8

- Licensing
- Deployment
- Operations
- Other



*Sample only.

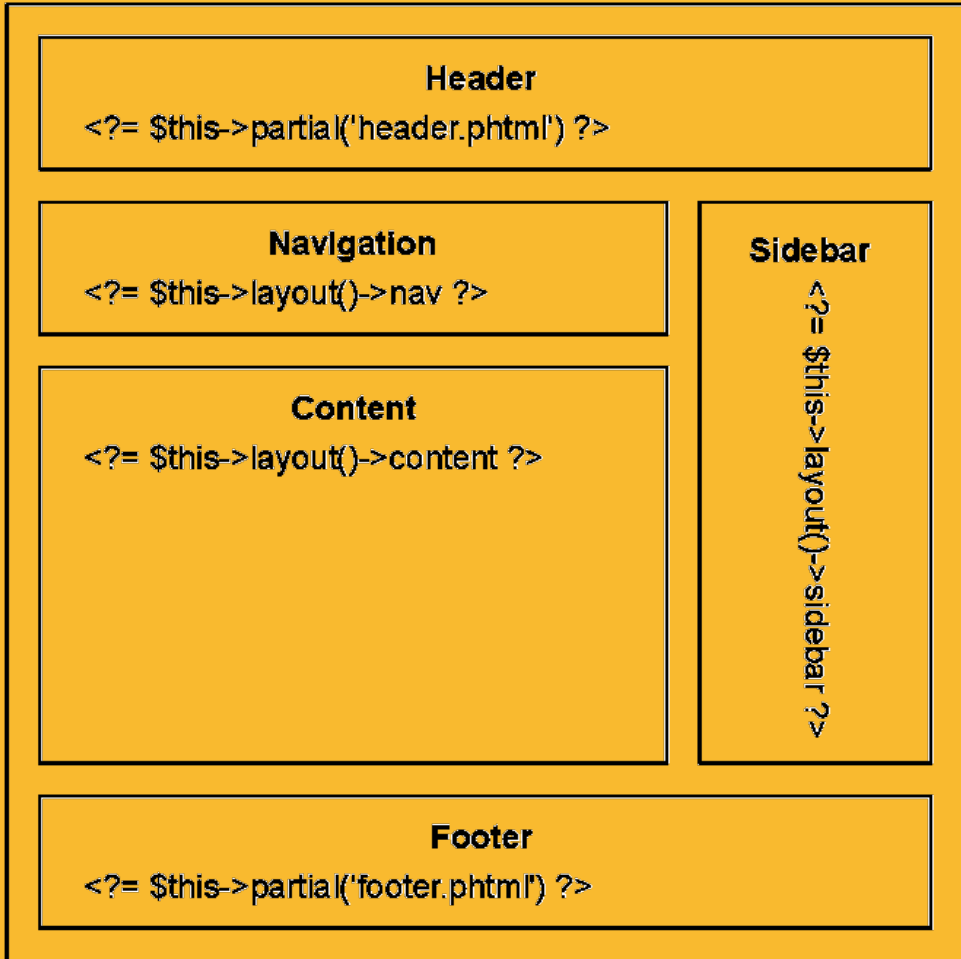


FRAMEWORK BILAN KUTUBXONING FARQI

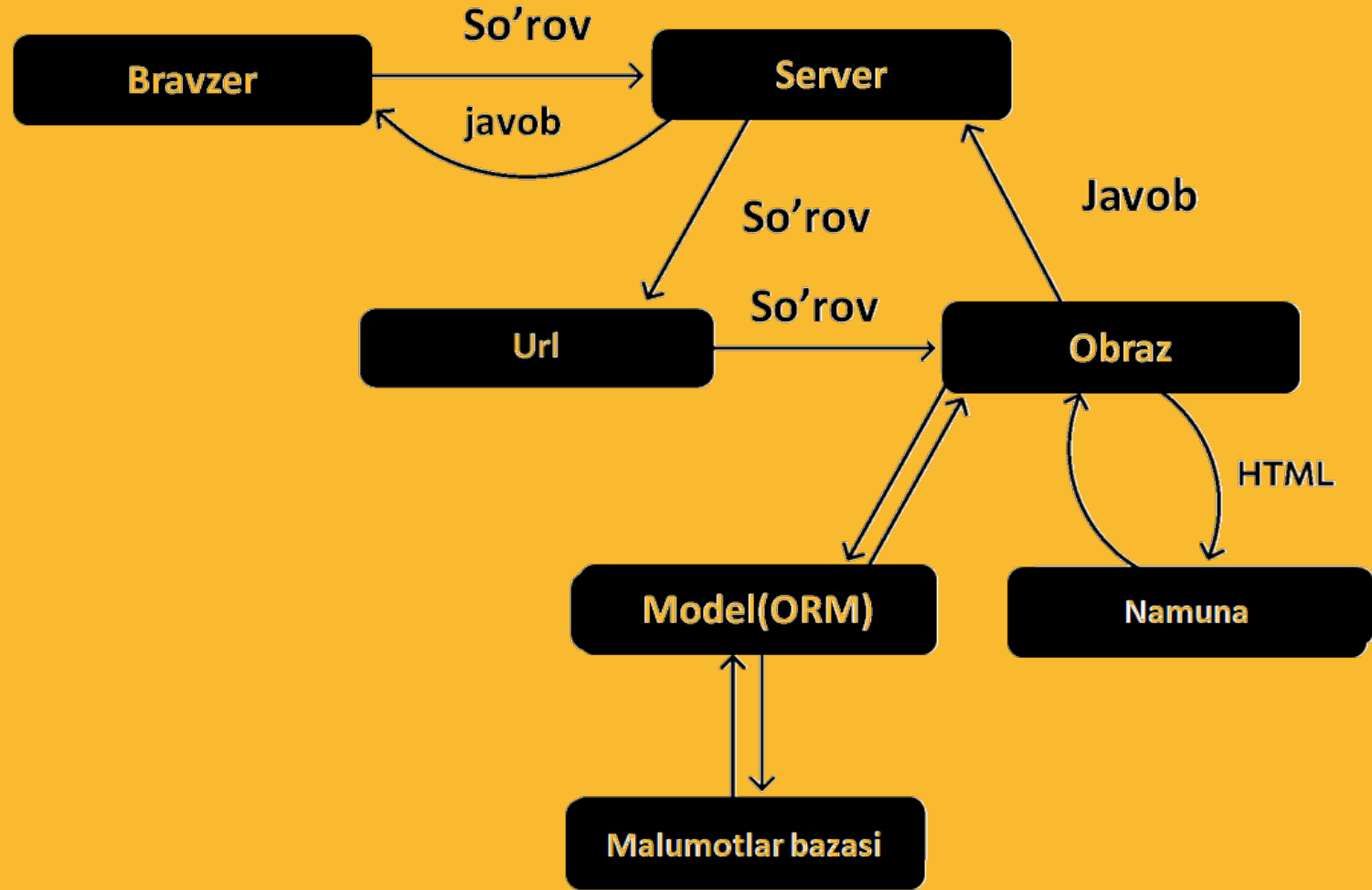
“Framework” kutubxona tushunchasidan shunisi bilan farq qiladiki, kutubxona dasturiy mahsulotda oddiygina o‘xshash funkcionallikdagi kichik dasturlar to‘plami sifatida, dasturiy mahsulot arxitekturasiga ta’sir qilmasdan va unga hech qanday cheklovlar qo‘ymasdan foydalanish mumkin. Garchi “Framework” dastur arxitekturasini yaratish qoidalarini belgilaydi, rivojlanishning dastlabki bosqichida standart xatti-harakatni o'rnatadi.




```
<?= $this->docType('XHTML1_STRICT') ?>
<html>
  <head>
    <?= $this->headTitle() ?>
    <?= $this->headScript() ?>
    <?= $this->headStylesheet() ?>
  </head>
  <body>
```



```
</body>
</html>
```



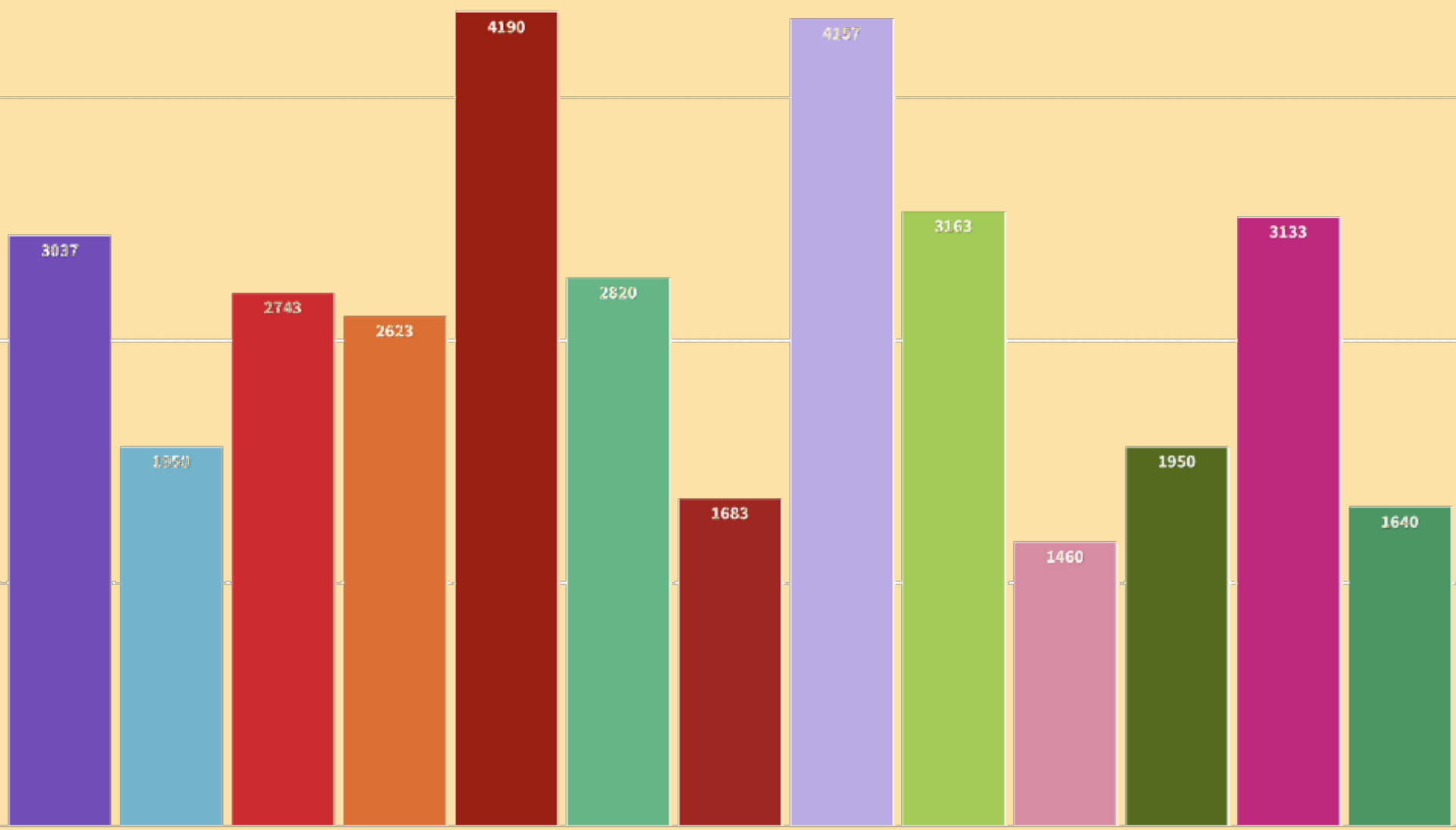
5000

3750

2500

1250

0



React + Redux

ELM

Angular

React + MobX

AngularJS

Vue

Svelte

Ketchma

re-frame

AppRun

Grizmas MVC

Aurelia

Dojo 2



Framework qanday vazifalarni hal qiladi:

- **Ishlab chiqarish tezligini oshiring.** Dasturchi loyihaning asosi sifatida foydalanish mumkin bo'lgan tuzatilgan "yadro" ga ega bo'ladi.
- **Vazifa xarajatlarini kamaytiradi.** Agar dasturchi noldan sayt yaratishi shart bo'lmasa, lekin framework foydalana olsa, u ish uchun ancha kam pul oladi. O'z-o'zidan yozilgan CMS bir necha yil davomida ishlab chiqilishi mumkin va byudjet ko'pincha yuz minglab mablag' talab etadi.
- **Muntazam ishlardan ozod etadi.** Ishlab chiquvchi nostandart funktsiyalarni amalga oshirishi mumkin.