

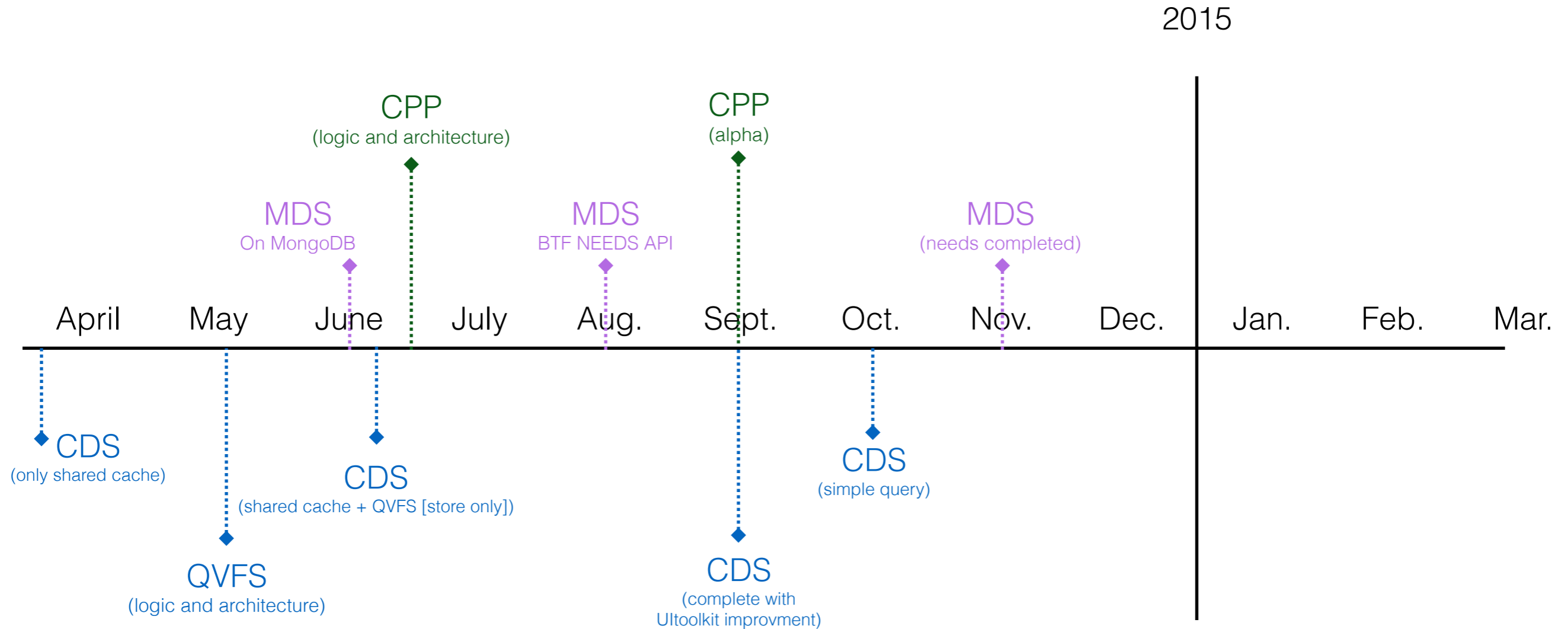
**C**ontrol system based on a  
**H**ighly  
**A**bstracted and  
**O**pen  
**S**tructure



***WP2***

***C. Bisegni***

# WP2 timeline features



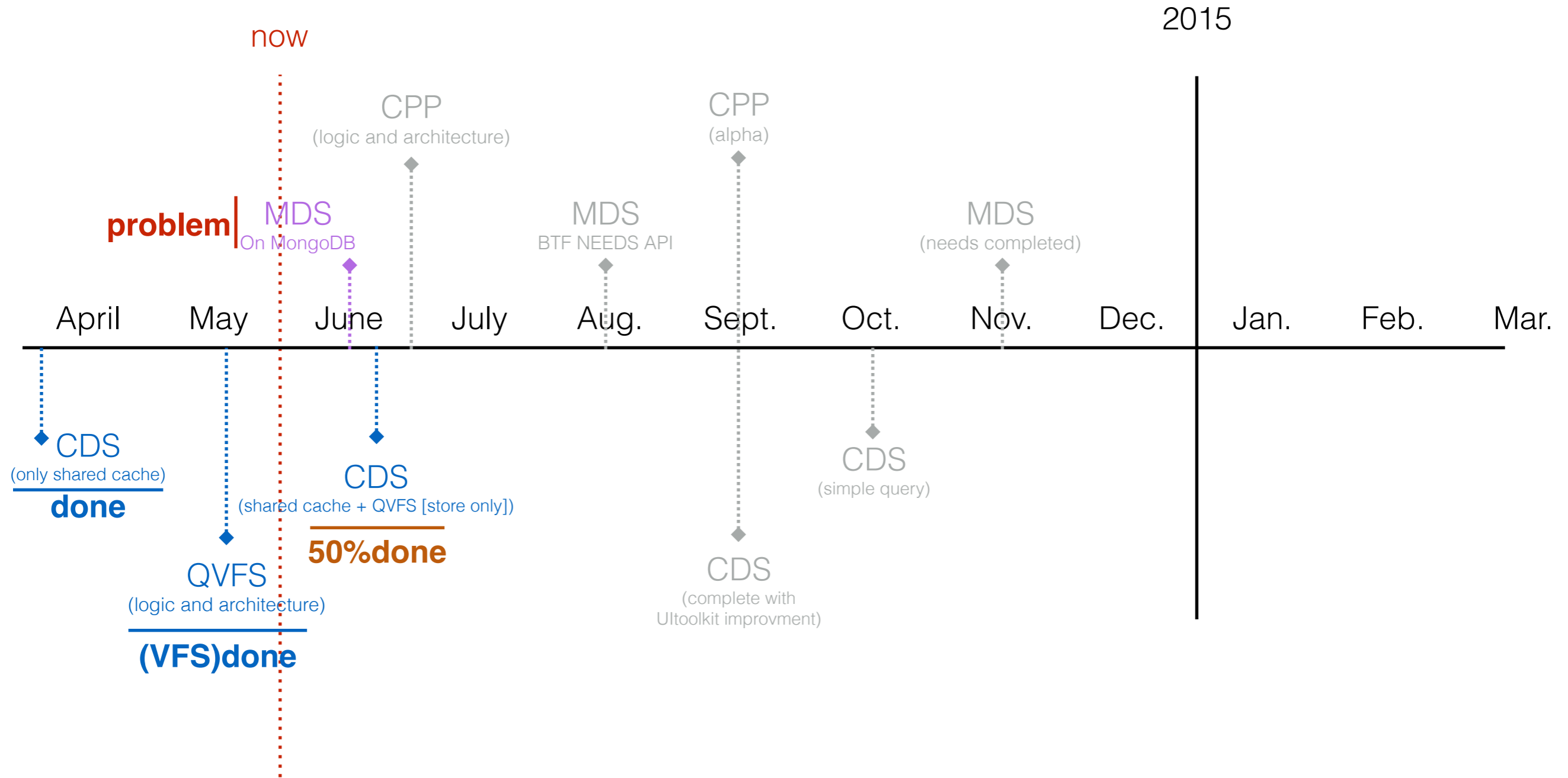
CDS - Chaos Data Proxy

QVFS - Querable Virtual File System

MDS - Metadata Server in JAVA

CPP - Chaos Push Proxy

# WP2 timeline features



CDS - Chaos Data Proxy

MDS - Metadata Server in JAVA

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# *WP2 Task*

## **Chaos Data Service development state**

- Index Driver (VFS Only) (MongoDB)
- Storage Driver (Stage Data Only) (Posix)
- Cache Driver (CouchBase)

# *WP2 Task*

## **CHAOS VFS (DONE)**

- Abstraction Logic (VFile, VBlock)
- Index Database used as Virtual FAT
- Write implementation
- Storage Domain (every domain can have different implementation)

# *WP2 Task*

## **CHAOS VFS (TO-DO)**

- Read implementation on single domain
- Cross Domain read operation

# *WP2 Task*

## **Indexing(DONE)**

- VFS x Domain
- VFAT for a single VFile (VBlock position on domain and url)

# *WP2 Task*

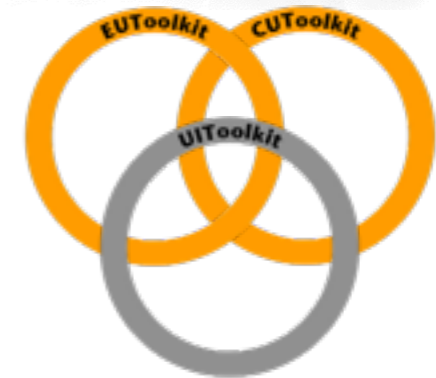
## Indexing(TO-DO)

- File search index structure
  - time based search
  - custom index on pack data
- Query engine on file and multiple file





**!CHAOS**



*thanks you*