



## Description

UI for UTAPI

## Priorities

- Time range (12 hours, a day, a week, etc...)
  - They use the Epoch time
- Modular (widgets)
- Refresh time (15 mins)
- Accounts
  - Each account should have their required permissions.

## Design

- Logo (p: #02456B, s: #378787)
- Squared and cornered

## Specs

- Number of incoming and outgoing bytes
- The number of objects being stored
- The storage utilized in bytes
- Count of operations performed on a service's resources

## JSON Example

```
[{  
  "timeRange": [1501570800000, 1504249199999],  
  
  "storageUtilized": [0, 6],  
  
  "incomingBytes": 6,  
  "outgoingBytes": 0,  
  
  "numberOfObjects": [0, 1],
```

```
"operations": {  
  "s3:DeleteBucket": 0,  
  "s3:DeleteBucketCors": 0,  
  "s3:DeleteBucketWebsite": 0,  
  "s3:DeleteObjectTagging": 0,  
  
  "s3:ListBucket": 0,  
  
  "s3:GetBucketAcl": 0,  
  "s3:GetBucketCors": 0,  
  "s3:GetBucketWebsite": 0,  
  "s3:GetBucketLocation": 0,  
  
  "s3:CreateBucket": 1,  
  
  "s3:PutBucketAcl": 0,  
  "s3:PutBucketCors": 0,  
  "s3:PutBucketWebsite": 0,  
  
  "s3:PutObject": 1,  
  "s3:CopyObject": 0,  
  
  "s3:UploadPart": 0,  
  
  "s3:ListBucketMultipartUploads": 0,  
  "s3:ListMultipartUploadParts": 0,  
  "s3:InitiateMultipartUpload": 0,  
  "s3:CompleteMultipartUpload": 0,  
  "s3:AbortMultipartUpload": 0,  
  
  "s3:DeleteObject": 0,  
  "s3:MultiObjectDelete": 0,  
  
  "s3:GetObject": 0,  
  "s3:GetObjectAcl": 0,  
  "s3:GetObjectTagging": 0,  
  
  "s3:PutObjectAcl": 0,  
  "s3:PutObjectTagging": 0,  
  
  "s3:HeadBucket": 0,
```

```
"s3:HeadObject": 0,  
  
"s3:PutBucketVersioning": 0,  
"s3:GetBucketVersioning": 0,  
  
"s3:PutBucketReplication": 0,  
"s3:GetBucketReplication": 0,  
"s3>DeleteBucketReplication": 0  
},  
"bucketName": "utapi-bucket"  
}]
```

## Templates

- <http://www.html5admin.com/demo/>
- <http://wrapbootstrap.com/preview/WB09498FH>
- <https://github.com/puikinsh/gentelella> (final)

<https://github.com/reactstrap/reactstrap>

## React Components

- pivotal-ui: <https://styleguide.pivotal.io>
- react-chartist: <https://github.com/fraserxu/react-chartist>

## Resources

1. <https://github.com/scality/utapi/blob/master/DESIGN.md>
2. <https://github.com/scality/utapi/blob/master/tests/functional/testUtapiClient.js>