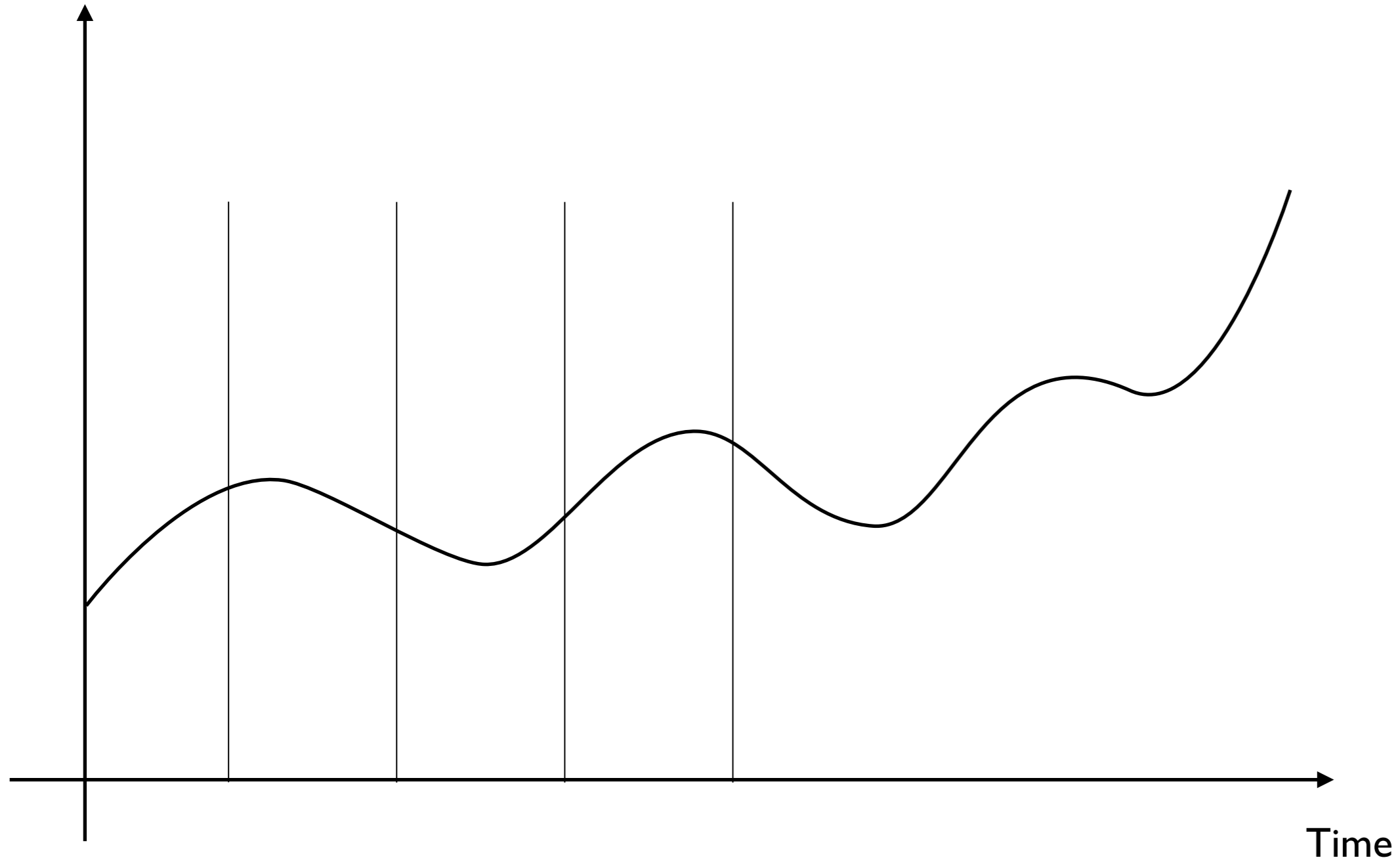


StAR in dCache

- Storage Accounting Record definition found here:
 - <https://cdsweb.cern.ch/record/1452920>
- dcache-star script (find script here:[code](#))
 - writing record every star.polling-period (seconds, default=90000 (25h))
 - rotating directories every star.spool.dir-granularity (minutes, default=60)
 - cron job, but for first run values needed to have a reference point
- Mapping <GID> = <group-identifier>, group ownership of files used for accounting
 - one group-identifier can be mapped to many GIDs
 - GIDs unique
- Files on tape
 - URI in dCache stating the tape location "osm://tape-pool.site-2.example.org/?volume=512&bfid=11221"
 - Grouping pools or tape locations: Mapping <host> = <StorageShare>
 - pool1.site-1.example.org = site-1, \
 - pool2.site-1.example.org = site-1, \
 - tape-pool.site-2.example.org = site-2, \

StAR in dCache

Space used



```
<sr:StorageUsageRecords xmlns:sr="http://eu-emi.eu/namespaces/2011/02/storagerecord">
<sr:StorageUsageRecord>
  <sr:RecordIdentity sr:createTime="2010-11-09T09:06:52Z" sr:recordId="host.example.org/sr/87912469269276"/>
  <sr:StorageSystem>host.example.org</sr:StorageSystem>
  <sr:Site>ACME-University</sr:Site>
  <sr:StorageShare>pool-003</sr:StorageShare>
  <sr:StorageMedia>disk</sr:StorageMedia>
  <sr:StorageClass>replicated</sr:StorageClass>
  <sr:FileCount>42</sr:FileCount>
  <sr:DirectoryPath>/home/projectA</sr:DirectoryPath>
  <sr:SubjectIdentity>
    <sr:LocalUser>johndoe</sr:LocalUser>
    <sr:LocalGroup>projectA</sr:LocalGroup>
    <sr:UserIdentity>/O=Grid/OU=example.org/CN=John Doe</sr:UserIdentity>
    <sr:Group>binarydatapoint.example.org</sr:Group>
    <sr:GroupAttribute sr:attributeType="subgroup">ukusers</sr:GroupAttribute>
  </sr:SubjectIdentity>
  <sr:StartTime>2010-10-11T09:31:40Z</sr:StartTime>
  <sr:EndTime>2010-10-12T09:29:42Z</sr:EndTime>
  <sr:ResourceCapacityUsed>14728</sr:ResourceCapacityUsed>
  <sr:LogicalCapacityUsed>13617</sr:LogicalCapacityUsed>
  <sr:ResourceCapacityAllocated>14624</sr:ResourceCapacityAllocated>
</sr:StorageUsageRecord>
</sr:StorageUsageRecords>
```