

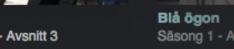


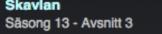
a som föll från en balkong förra året

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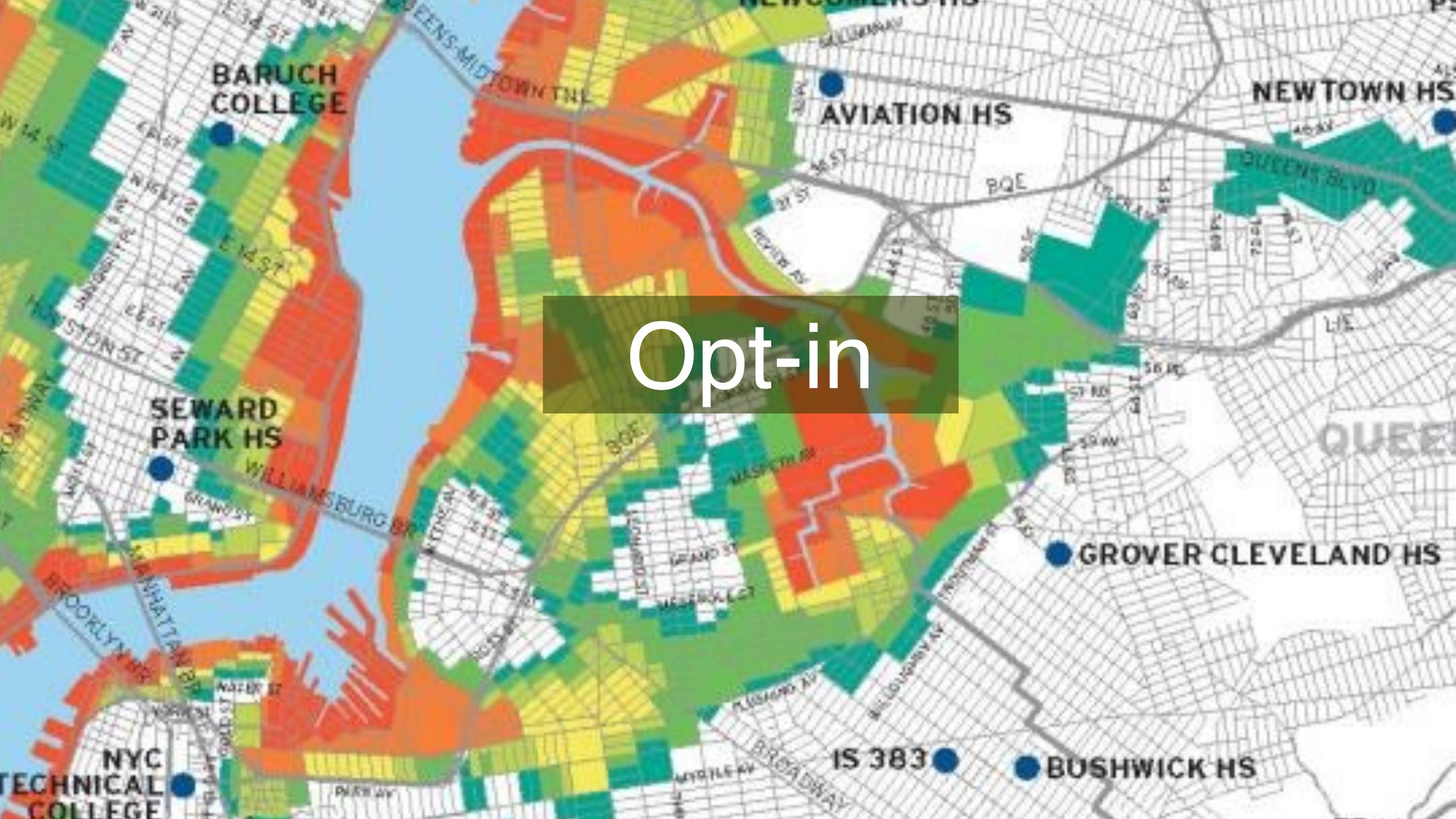
TEAM 2015 2014 2011 BARNKANALEN POLIBOMPA **BARNKANALEN** 2009 ROLIBOMPa svt BARNKANALEN svt svt svt 💝 svt** svt 💝 Val 2014 Pejl KOBRA Såska^{det}låta Val 2014 Pejl KOBRA Såska^{det}låta KOBRA Såska^{det}låta SVt_{se} SVt-se SVt-se Core Video Core

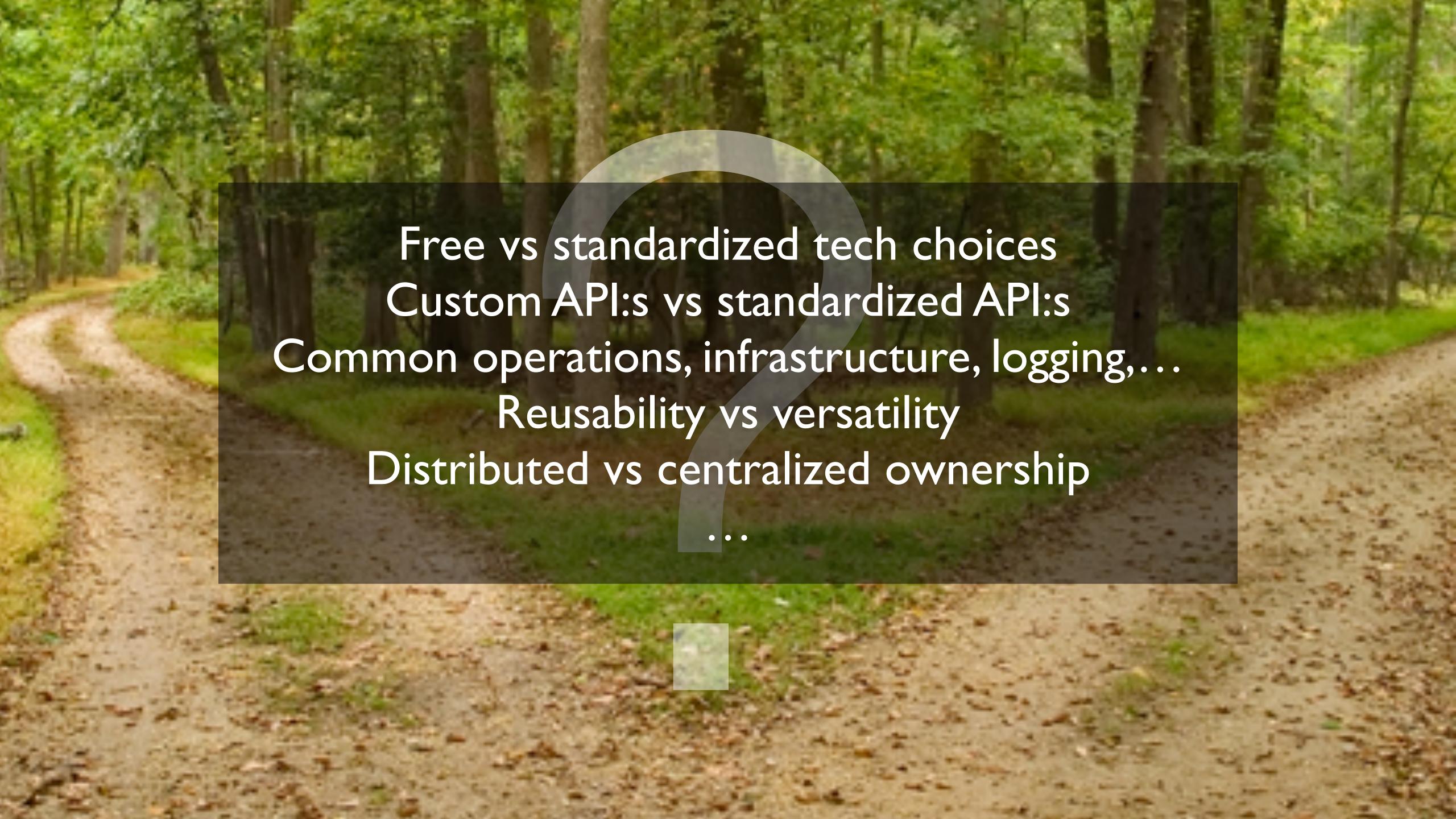


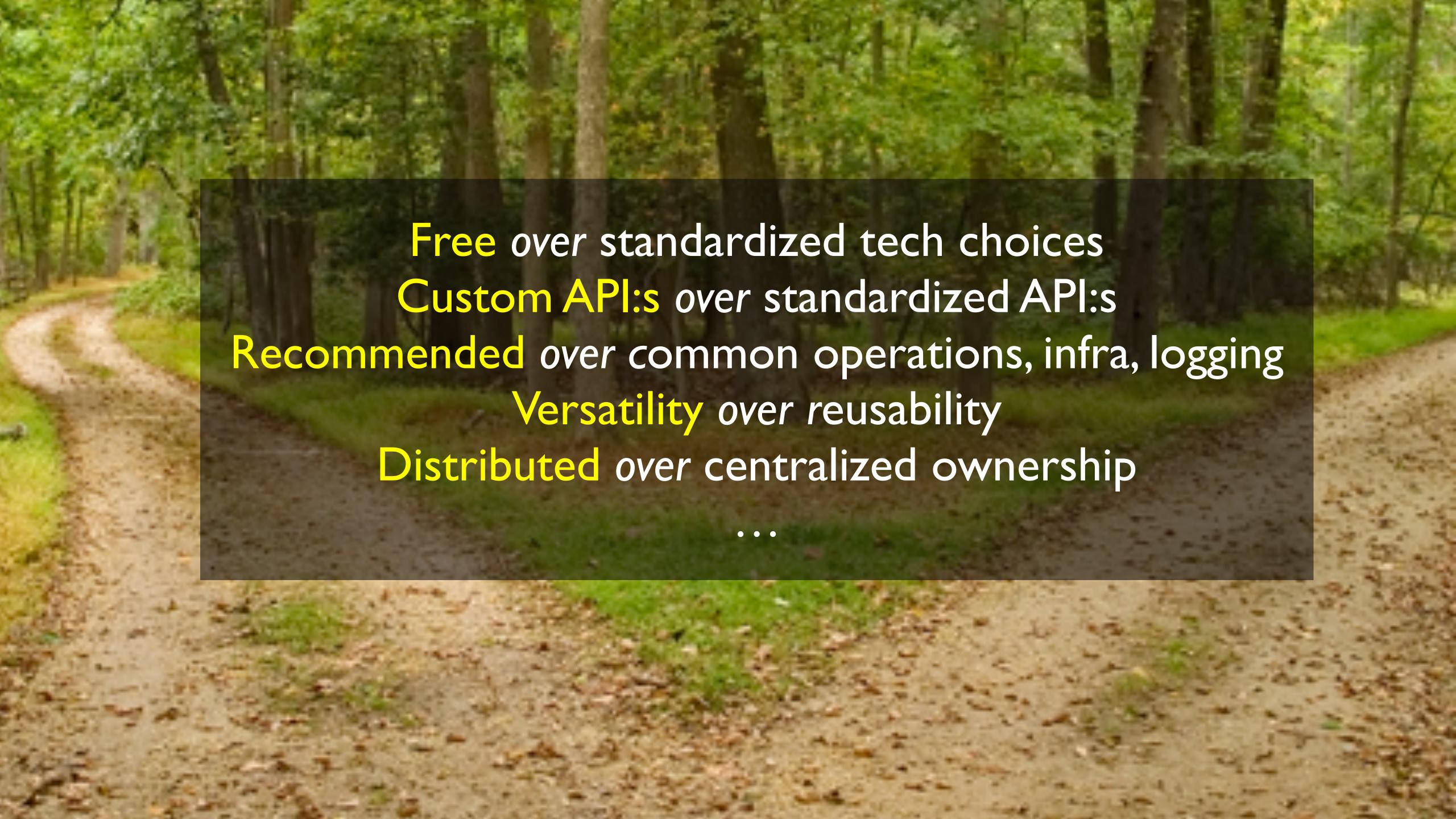




















Automated deploy at SVT

Jenkins deploys to Heroku or internal to "Molnet"

Automated deploy at SVT - "Molnet"

- \$> moIn app create crash-course
 \$> moIn app image set crash-course /hello-world:1.0
 \$> moIn app targets set crash-course
 sto.moInet.svt.se=stomoIn01-agent01
 drs.moInet.svt.se=drsmoIn01-agent01
 \$> moIn app deploy crash-course:v1
- \$> moln app undeploy crash-course:v1

Automated deploy at SVT - "Molnet"

- Docker. Packaging and running services
- Helios. Orchestration of services.
- Consul. System for configuration and service discovery.

Automated deploy at SVT - "Molnet"

Open source: https://github.com/SVT/helios-consul

Micro services gives (new) requirements

- 1. Automated deploy Contious Integration
 - 2. Monitoring
 - 3. Resilience

Resilience at SVT

Hystrix from Netflix.

- I. Isolate network interaction using Circuit-Breakers, BulkRequests, Timeouts
- 2. Fallbacks and graceful degradation
- 3. Metrics. req/sec, failures, responsetimes

https://github.com/Netflix/Hystrix

Web Prod Apdex



Last updated at 15:51

VideoApi Prod **Apdex**



Last updated at 15:51

PlaylistApi Prod Apdex



Mon Feb 02 2015

15:51:41

Jenkins Status



Hystrix Stream: prod

Circuit

Success | Short-Circuited | Timeout | Rejected | Failure | Error %

BolibompaPlayableVideoCommand

PlayListCommand 0 0 0.0 %

Host: 0.0/s Cluster: 0.0/s

VideoListCommand 0 0 0.0 %

0 Host: 0.0/s Cluster: 0.0/s Circuit Closed

BolibompaVideoListCommand 0 0 0.0 %

Host: 0.0/s Cluster: 0.0/s

VideoCommand 8 0 0.0 %

Host: 0.4/s Cluster: 0.8/s Circuit Closed

Thread Pools

Boli...deoCommandThreadPool BolibompaVideoCommandThreadPool

Host: 0.0/s Cluster: 0.0/s Queued Executions

Host: 0.0/s Cluster: 0.0/s Executions Queued

PlayListCommandThreadPool

Host: 0.0/s Cluster: 0.0/s

VideoCommandThreadPool

VideoListCommandThreadPool

Host: 0.0/s Cluster: 0.0/s Max Active Executions Pool Size 20 Queue Size







SVT services

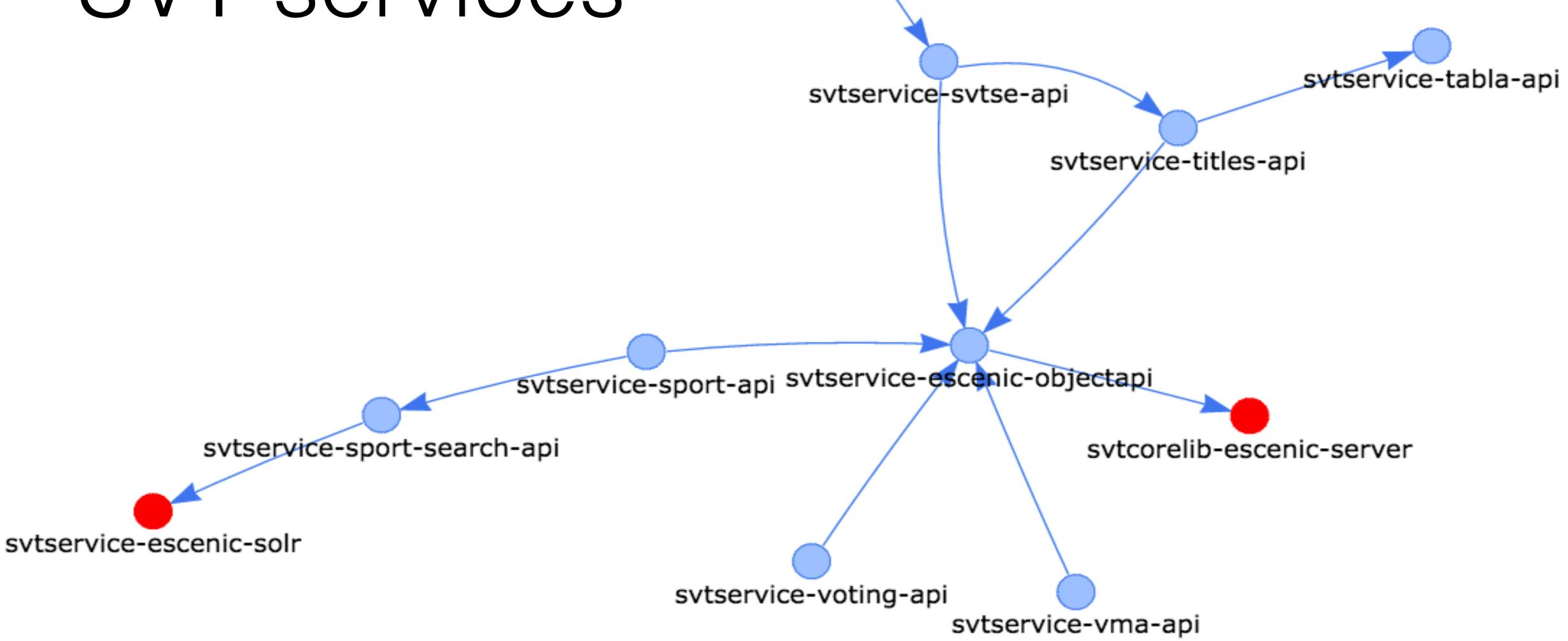
Last update: Fri Jan 30 2015 11:31:08 GMT+0100 (CET). Raw data: sytservices.json.

Service dependencies

Name	Description	README.md	svtservice.yml	Owner	Team
flow	Client for SVT Flow	✓	✓		
flow-api	API for SVT Flow	✓	✓	Sophie Mauléon	
play4api	The API for SVT Play (and friends)	✓	✓		Play
play5	SVT Play	✓	✓		Play
svt-popularity	Video popularity service (a.k.a The Pop-App)	✓	✓		Play
svt-sharedcount	Knows about videos' shares in social media	✓	✓		Play
svtservice-barnkanalen-flow-admin	Admin interface for the start page on barnkanalen.se, inlined in a content studio plugin	✓	✓	Nina Mangefors	
svtservice-barnkanalen-render	Web frontend for barnkanalen.se	✓	✓	Nina Mangefors	
svtservice-barnkanalen-renderapi	API for rendering barnkanalen.se	✓	✓	Nina Mangefors	
svtservice-bolibompa-playlistapi	Playlist API for Bolibompa Play.	✓	✓	Erik Wahlgren	Bolibompa
svtservice-bolibompa-videoapi	Video API for Bolibompa Play.	✓	✓	Erik Wahlgren	Bolibompa
svtservice-bolibompa-web	Web frontend for Bolibompa Play.	✓	✓	Erik Wahlgren	Bolibompa
svtservice-escenic-objectapi	The one true way to get data from Escenic	✓	✓	Mats Liljengren	Plattform



SVT services



API-guidelines at SVT

- I. We do not violate HTTP I.I
- 2. We uses rest, Richardson Maturity Model up to and including level 2
- 3. All API:s uses swagger for documentations. (swagger.io)
- 4. All clients adds 'user-agent' to create traceability
- 5. We uses CORS (not JSONP)



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