



Syncthing



Syncthing

Jakob Borg
Kastelo Inc.

jakob@kastelo.net
twitter.com/jakobborg
github.com/calmh



Syncthing v1.0

- v1.0.0 on 1/1/2019
- In beta 15/12/2013 – 31/12/2018
(v0.2 – v0.14.54)
- Now *officially* production grade
- Predictable release schedule
- Guarantees on compatibility and support

Syncthing Tech

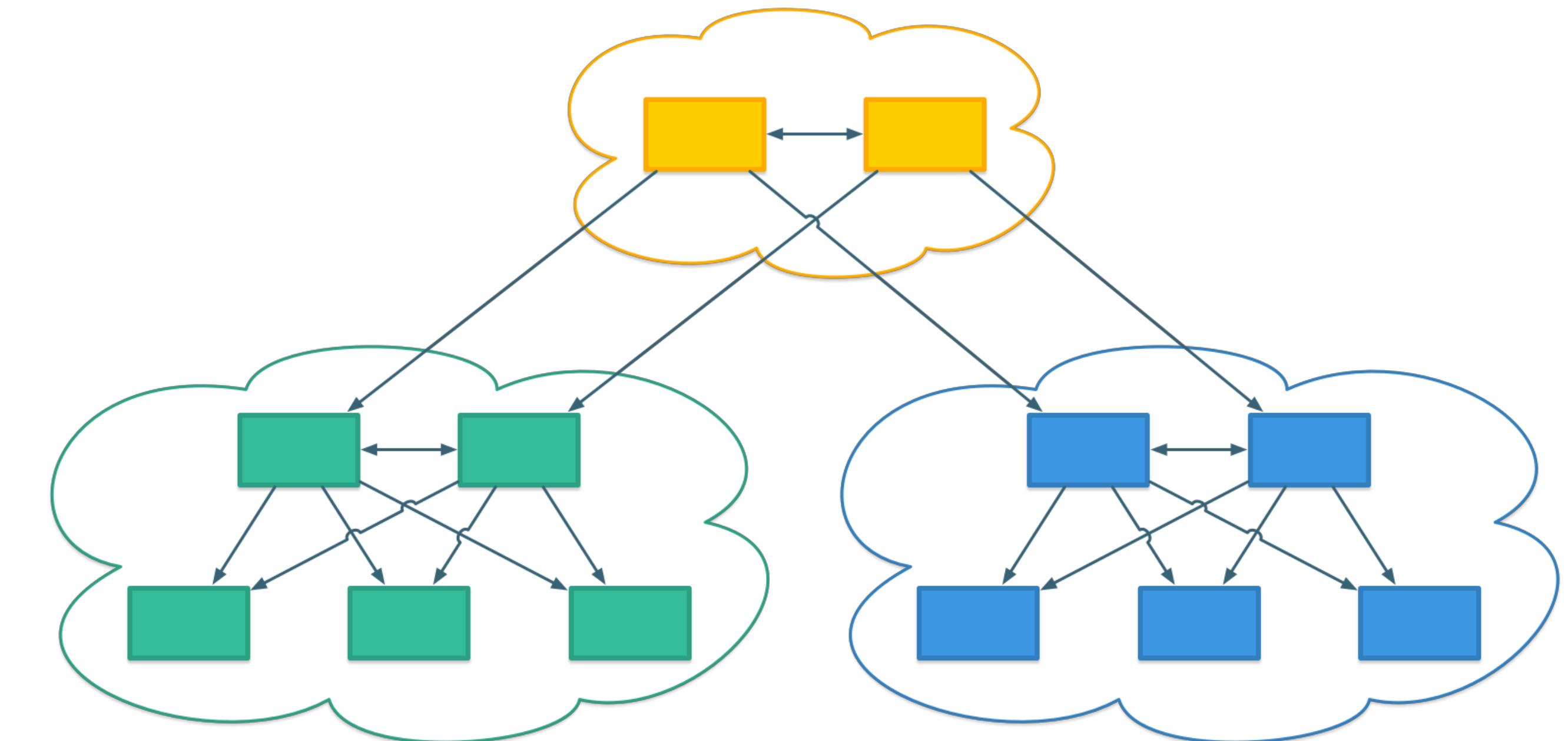
- Peer-to-peer
- Decentralized(-ish)
- Secure (TLS 1.2, soon TLS 1.3)
- Easy to deploy (single binary, aggressively cross platform)
- GUI, documented REST API, and structured config file

[!\[\]\(2bdfe261b986065ee0ac76460d6528c9_img.jpg\) syncthing-dragonfly-amd64-v1.0.0.tar.gz](#)
[!\[\]\(eebbd3dc1abeccf4c1e5751ec03fc559_img.jpg\) syncthing-freebsd-386-v1.0.0.tar.gz](#)
[!\[\]\(269a46bd9f0c528dd4b0b2018aec306d_img.jpg\) syncthing-freebsd-amd64-v1.0.0.tar.gz](#)
[!\[\]\(ca9b99849d19f75ed2add026e1deb81c_img.jpg\) syncthing-freebsd-arm-v1.0.0.tar.gz](#)
[!\[\]\(1865c2bd424e834c12e99dc58af6eb34_img.jpg\) syncthing-linux-386-v1.0.0.tar.gz](#)
[!\[\]\(37943d3faa5342f3283296331f05e9fc_img.jpg\) syncthing-linux-amd64-v1.0.0.tar.gz](#)
[!\[\]\(2403e633c7f08a0b6dc56871eda52870_img.jpg\) syncthing-linux-arm-v1.0.0.tar.gz](#)
[!\[\]\(00b8bd33f7be63a40d25dc8fe0a7159b_img.jpg\) syncthing-linux-arm64-v1.0.0.tar.gz](#)
[!\[\]\(b4556ddf4a885af2abacc969091ef94c_img.jpg\) syncthing-linux-mips-v1.0.0.tar.gz](#)
[!\[\]\(17ac2f356713a15cdd48c1b2185229c7_img.jpg\) syncthing-linux-mips64-v1.0.0.tar.gz](#)
[!\[\]\(4985419a30dc16e169c1c2d5b23c2427_img.jpg\) syncthing-linux-mips64le-v1.0.0.tar.gz](#)
[!\[\]\(a83110c8e0e64d0e3ac0d6547f1e48ce_img.jpg\) syncthing-linux-mipsle-v1.0.0.tar.gz](#)
[!\[\]\(8f05c900403fae8567f147be2751f79e_img.jpg\) syncthing-linux-ppc64-v1.0.0.tar.gz](#)
[!\[\]\(66377dcc8af526d288293db34501d728_img.jpg\) syncthing-linux-ppc64le-v1.0.0.tar.gz](#)
[!\[\]\(898bfdd4337523e1ec0514541861d734_img.jpg\) syncthing-linux-s390x-v1.0.0.tar.gz](#)
[!\[\]\(f6e90896a8371731519d890b93de0719_img.jpg\) syncthing-macos-386-v1.0.0.tar.gz](#)
[!\[\]\(7ee2ea9905d8d9a6d86bf75ddece394e_img.jpg\) syncthing-macos-amd64-v1.0.0.tar.gz](#)
[!\[\]\(aed8551c3f5e5a288b8e5ca4fb4da1e7_img.jpg\) syncthing-netbsd-386-v1.0.0.tar.gz](#)
[!\[\]\(34761a306a851a8f03f50983fd8e6fe2_img.jpg\) syncthing-netbsd-amd64-v1.0.0.tar.gz](#)
[!\[\]\(f6075198c17538a7442884da22a966f6_img.jpg\) syncthing-openbsd-386-v1.0.0.tar.gz](#)
[!\[\]\(5630bf89ad4b2e03ab8b31d196c8b66a_img.jpg\) syncthing-openbsd-amd64-v1.0.0.tar.gz](#)
[!\[\]\(b9b712c398dce7c6e122af186749b985_img.jpg\) syncthing-openbsd-arm-v1.0.0.tar.gz](#)
[!\[\]\(e7250ba8fe2270f784092f08ef64496b_img.jpg\) syncthing-solaris-amd64-v1.0.0.tar.gz](#)
[!\[\]\(6b6205a840b705f9cd4c6404c0d5ca1a_img.jpg\) syncthing-source-v1.0.0.tar.gz](#)
[!\[\]\(6e92724549e4e71525cc4b20ee3b0026_img.jpg\) syncthing-source-v1.0.0.tar.gz.asc](#)
[!\[\]\(33bbd1f6e963cb029adfbd5e169adc9b_img.jpg\) syncthing-windows-386-v1.0.0.zip](#)
[!\[\]\(9f048eb1ed1ddd0ee07f5b4628f29d23_img.jpg\) syncthing-windows-amd64-v1.0.0.zip](#)

Use Cases

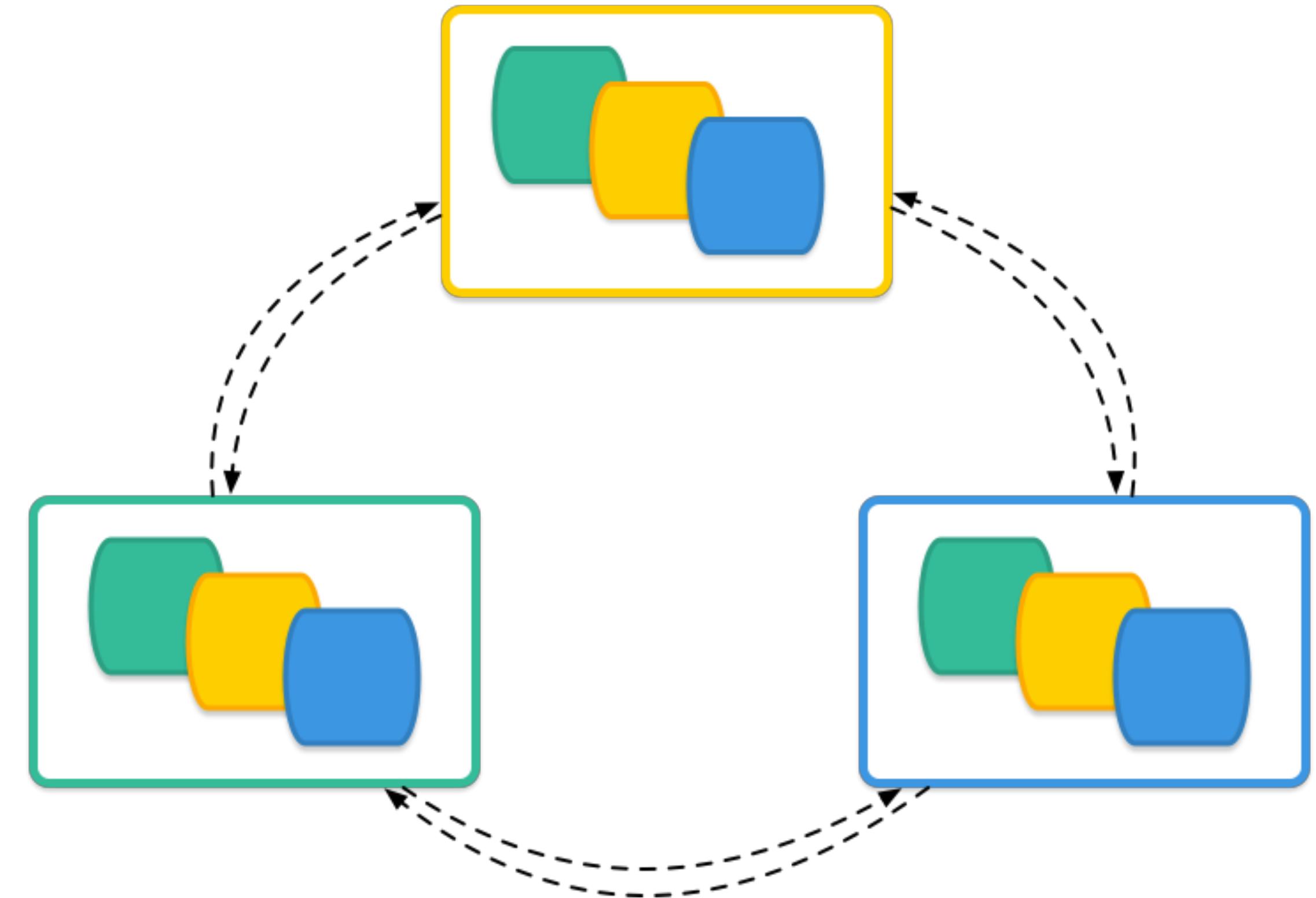
Content Distribution

- Central source
(single source of truth)
- Topological sub-clusters
(thousands of devices)
- Flexible topology
(optimize for bandwidth /
availability / management...)
- Enforced directionality



Datacenter Replication

- Fewer devices, more data
- Bidirectional
(not necessarily for all data)
- Multiple folders
(with different policies)
- Filesystem notifications



Commercial Support

- Deployment, testing, documentation
- Debugging, bug fixes, security notifications
- Multiple SLA levels
- Prioritized development

2019
Services & Support

Syncthing Enterprise offers comprehensive support for any business using Syncthing.

First Party Support

By employing key developers from the Syncthing project, Kastelo can provide deployment support and maintenance for Syncthing. We know the codebase well and we participate in the development of Syncthing as an official corporate sponsor.

Standard or Premium Support

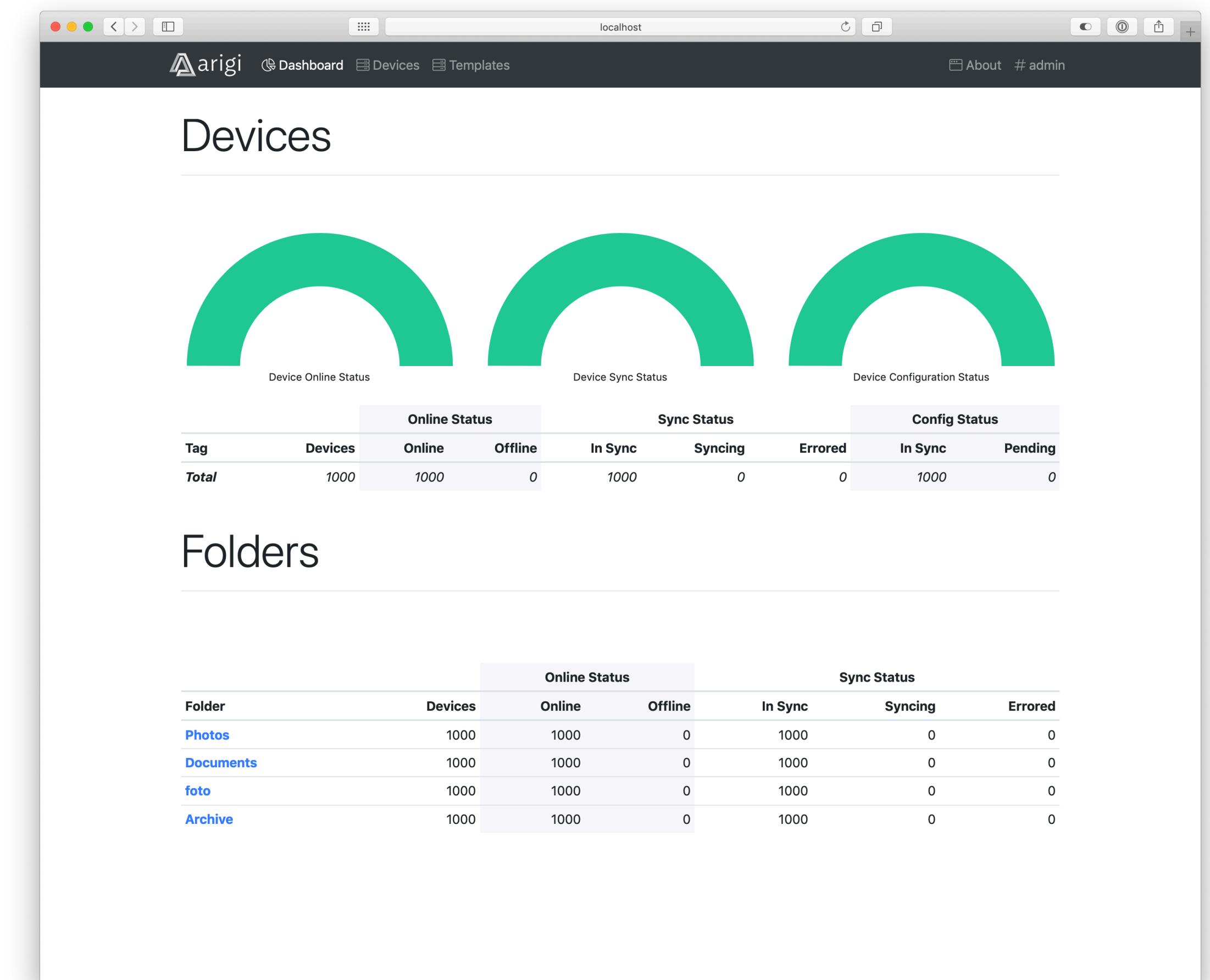
Two paid support tiers are available to fit the services you require, and both tiers include:

Open Source Syncthing Documentation and community support	✓
Access to source code	✓
Deployment assistance	✓
Debugging and error correction	✓
Security notifications	✓
Upgrade assistance	✓
Documentation clarification	✓
Email support and portability	✓
Next business day SLA	✓
Design support	✓
Phone support	✓
Two-hour SLA	✓
Bug hotfixes	✓
Custom feature development	✓
Third party integration support	✓
Periodic health check and audit	✓

Syncthing Enterprise Support



- Central point of management
- Dashboard overview
- Templated configuration management
- REST API for integration
- Advanced reporting (ElasticSearch / Kibana integration)



Thanks!

Syncthing
<https://syncthing.net/>

Me
jakob@kastelo.net

Enterprise Support
<https://kastelo.net/stes/>

Arigi
<https://kastelo.net/arigi/>



Syncthing

