



Condor High Availability

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Condor High Availability

SCHEDD

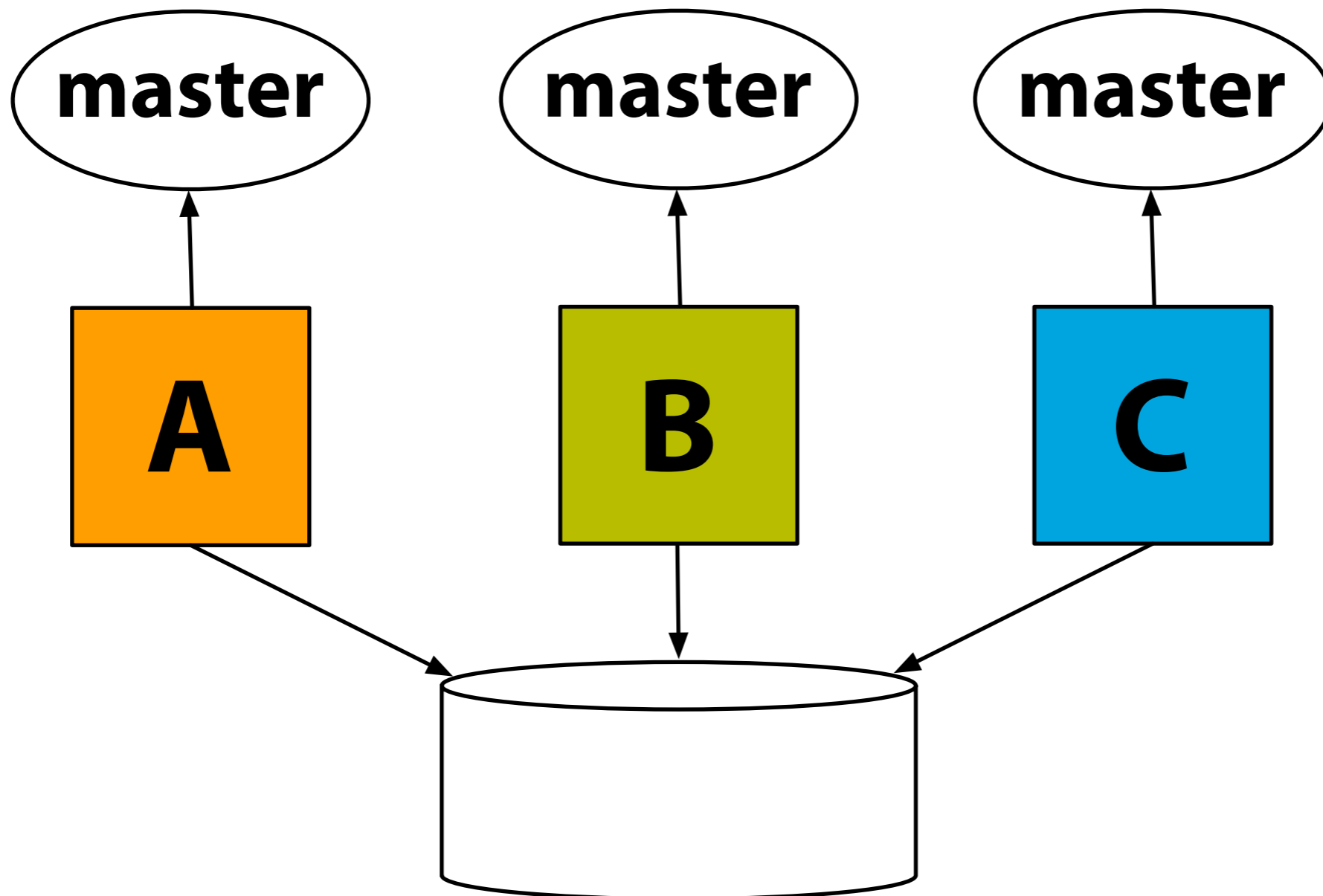
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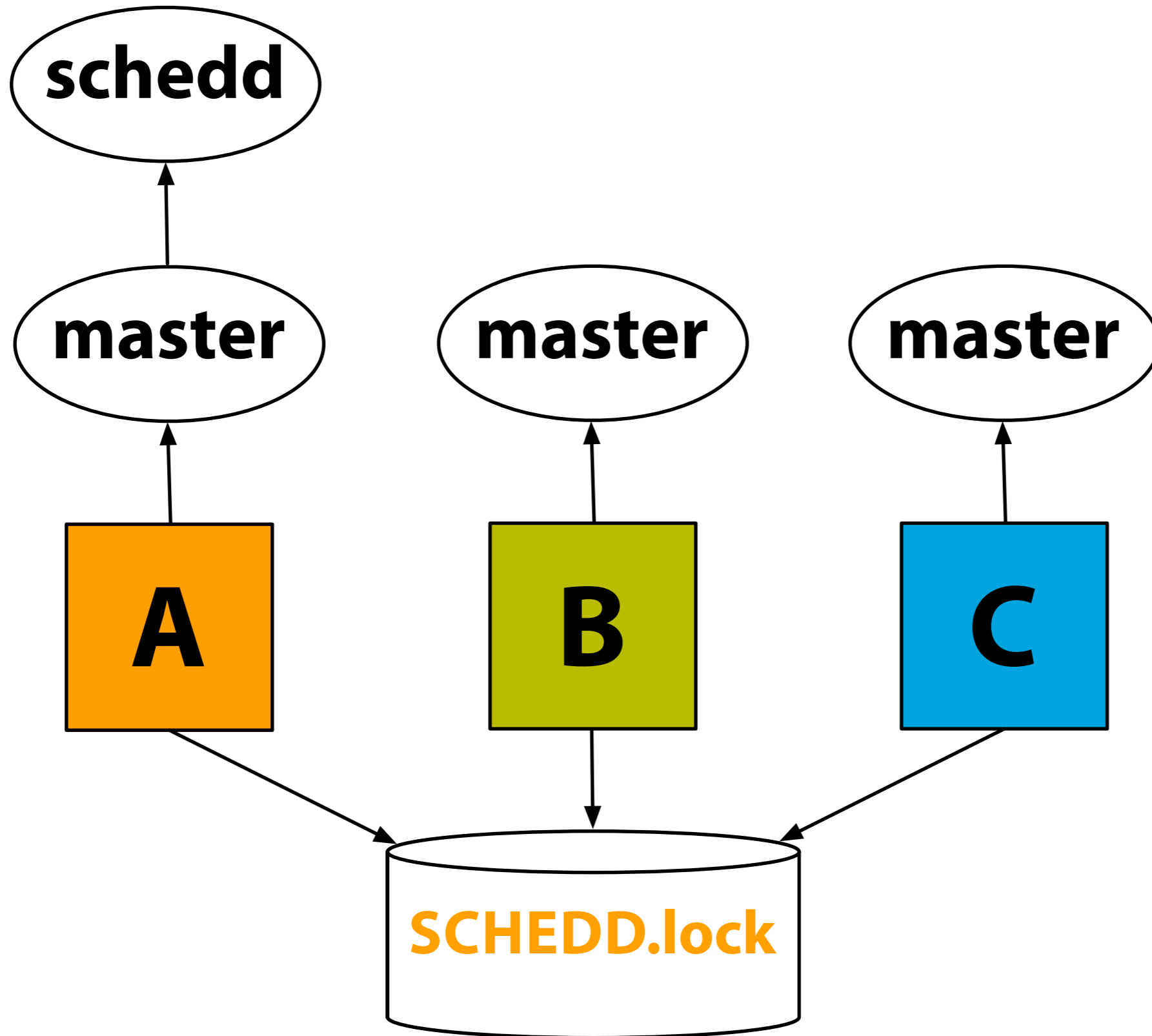
Forecast

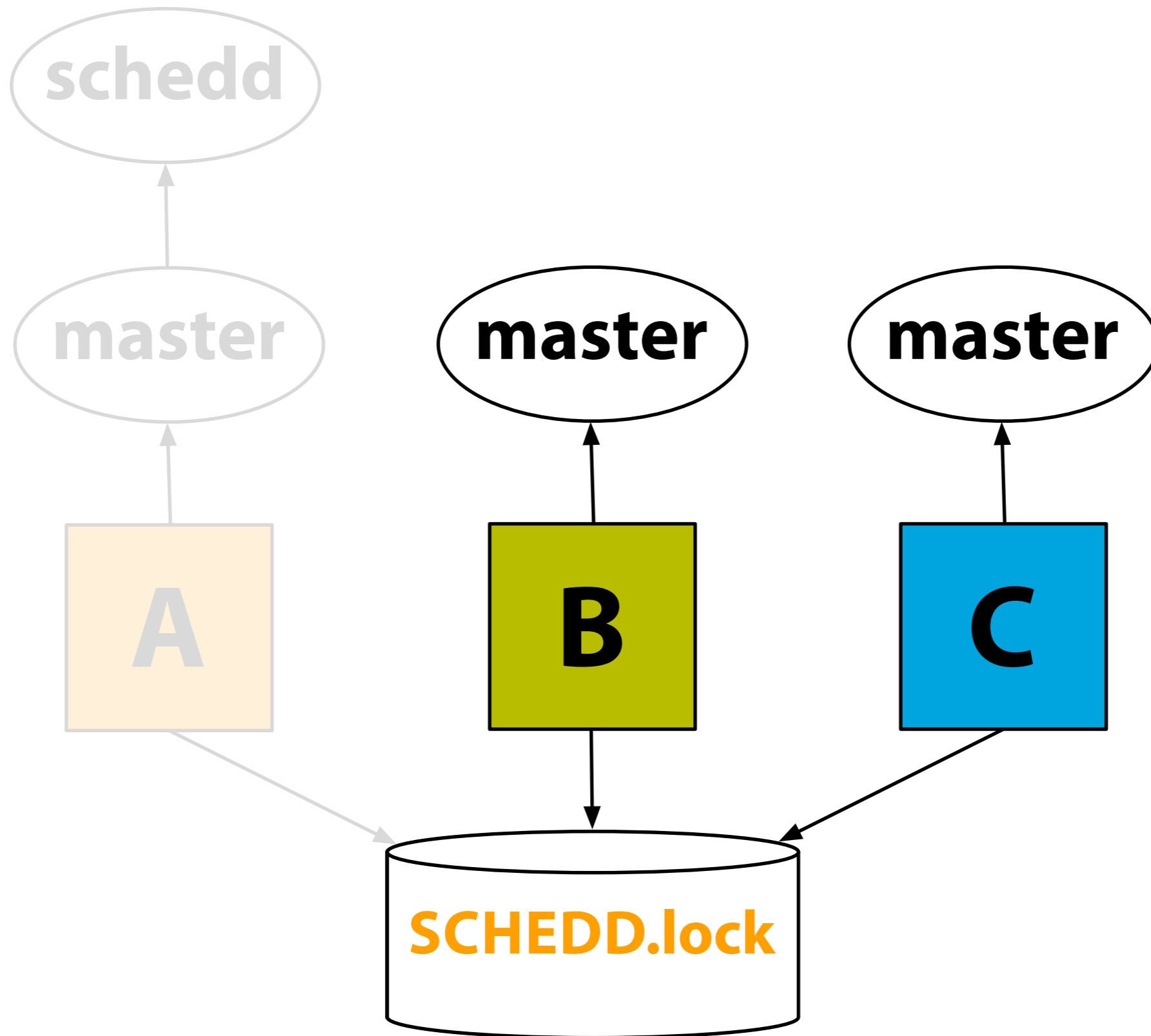
Forecast

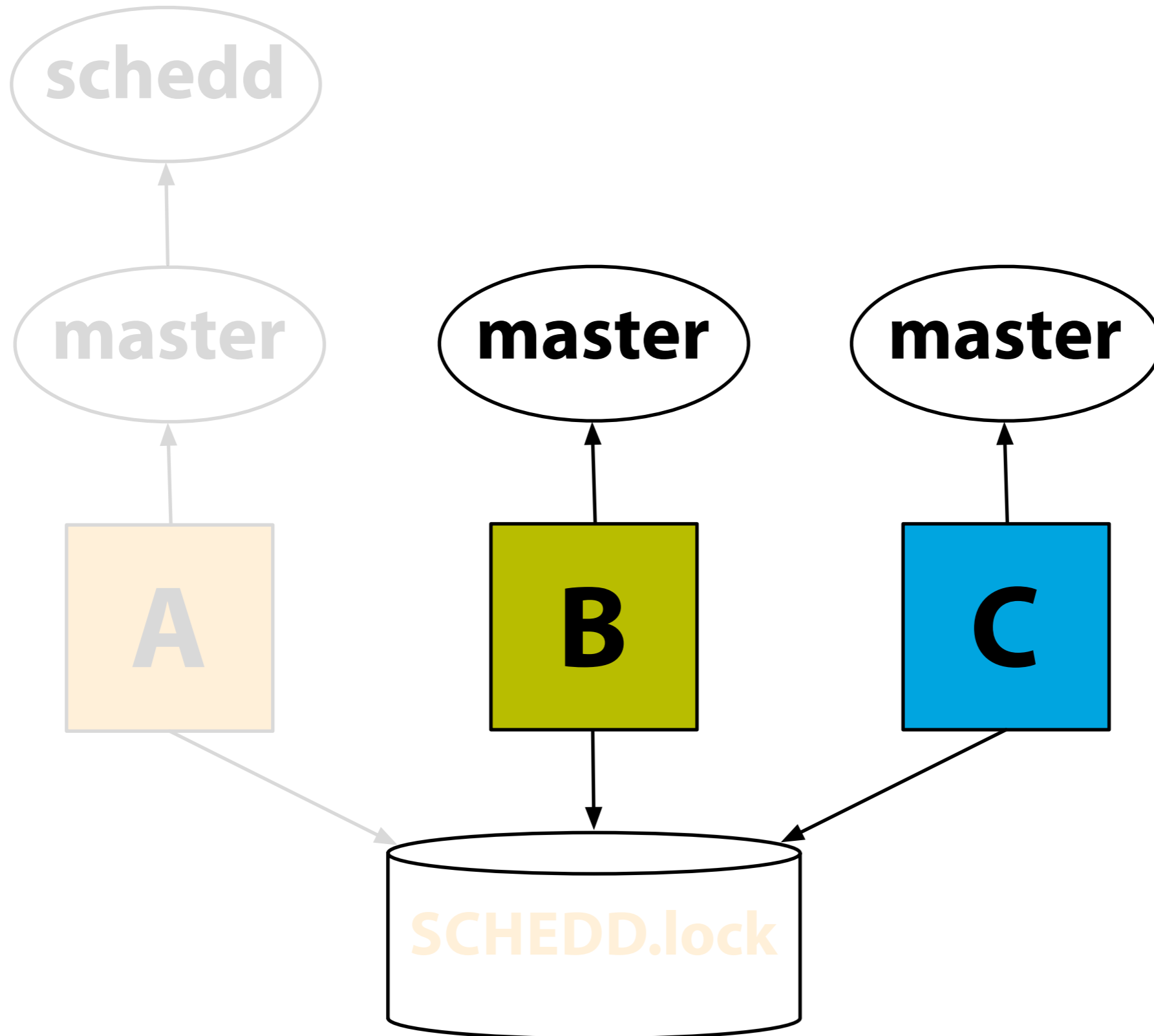
- **Master-based high-availability**
- **High availability via Cluster Suite**
- **Live demo: configuring Cluster Suite**

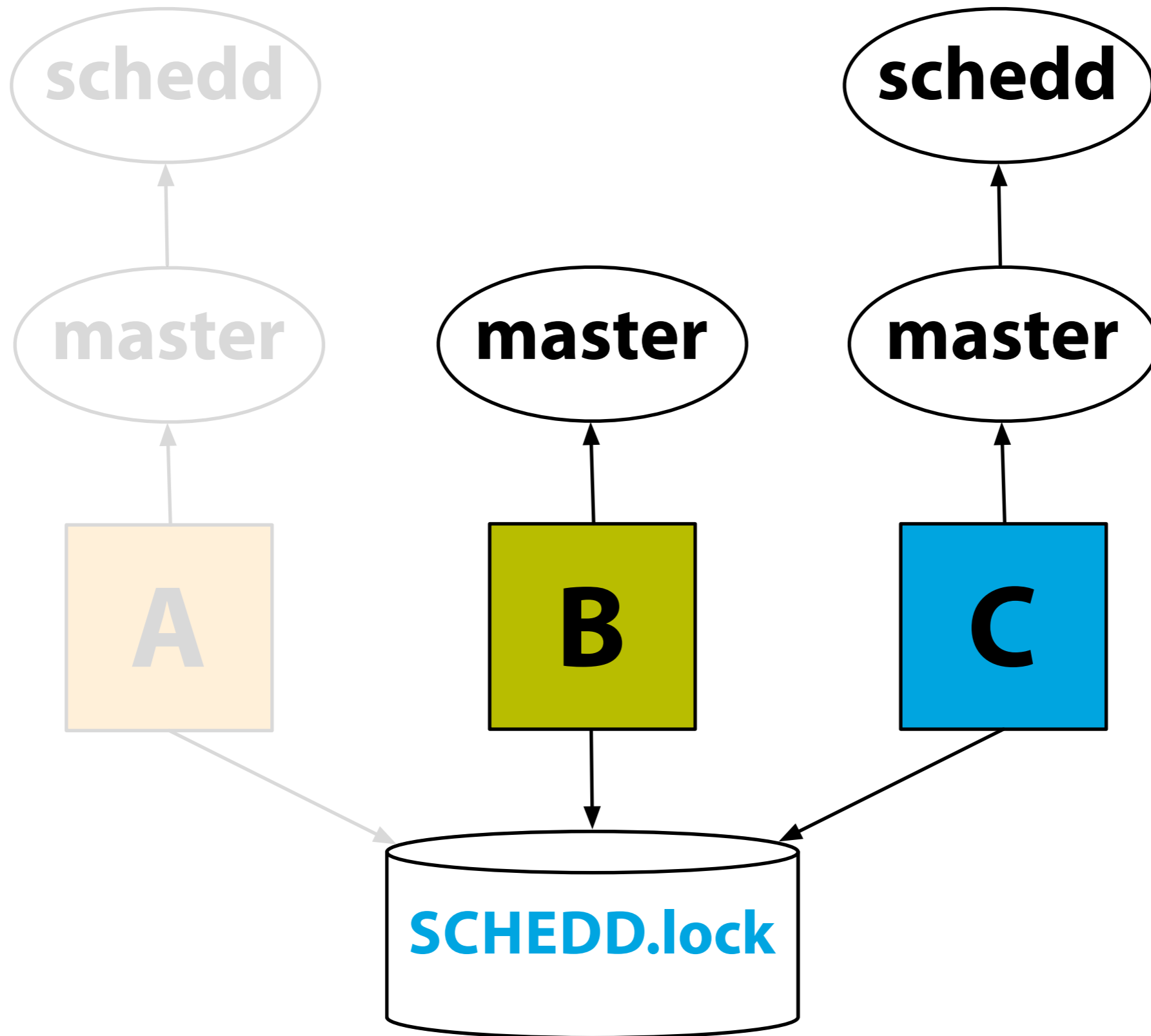
Master-based high-availability











Configuring high-availability

```
# add this to A, B, and C
MASTER_HA_LIST = SCHEDD
# must be on a shared FS
SPOOL = /share/spool
HA_LOCK_URL = file:/share/spool
# prevent preen from removing the lockfile
VALID_SPOOL_FILES = SCHEDD.lock
```

Configuring high-availability

```
$ for host in A B C; do
    wallaby add-features-to-node $host \
        HAScheduler
    wallaby add-params-to-node $host \
        SPOOL=/share/spool
done
$ wallaby activate
```

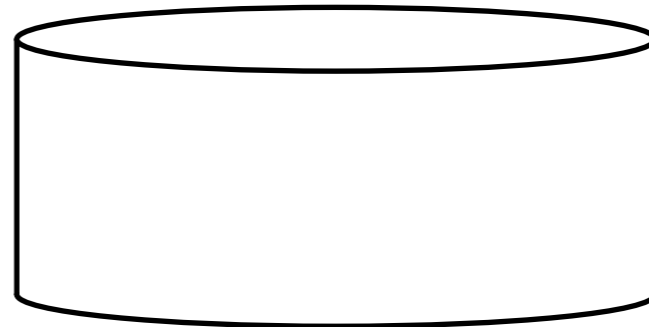
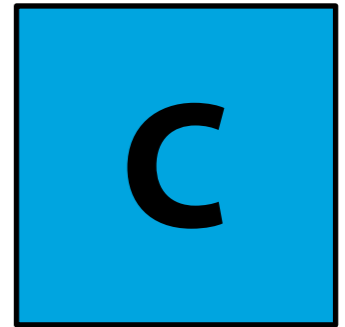
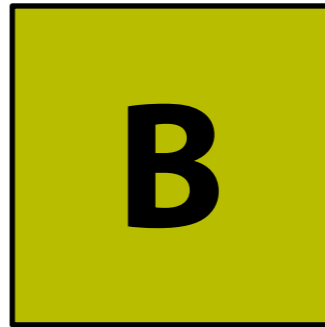
Master-based HA: advantages

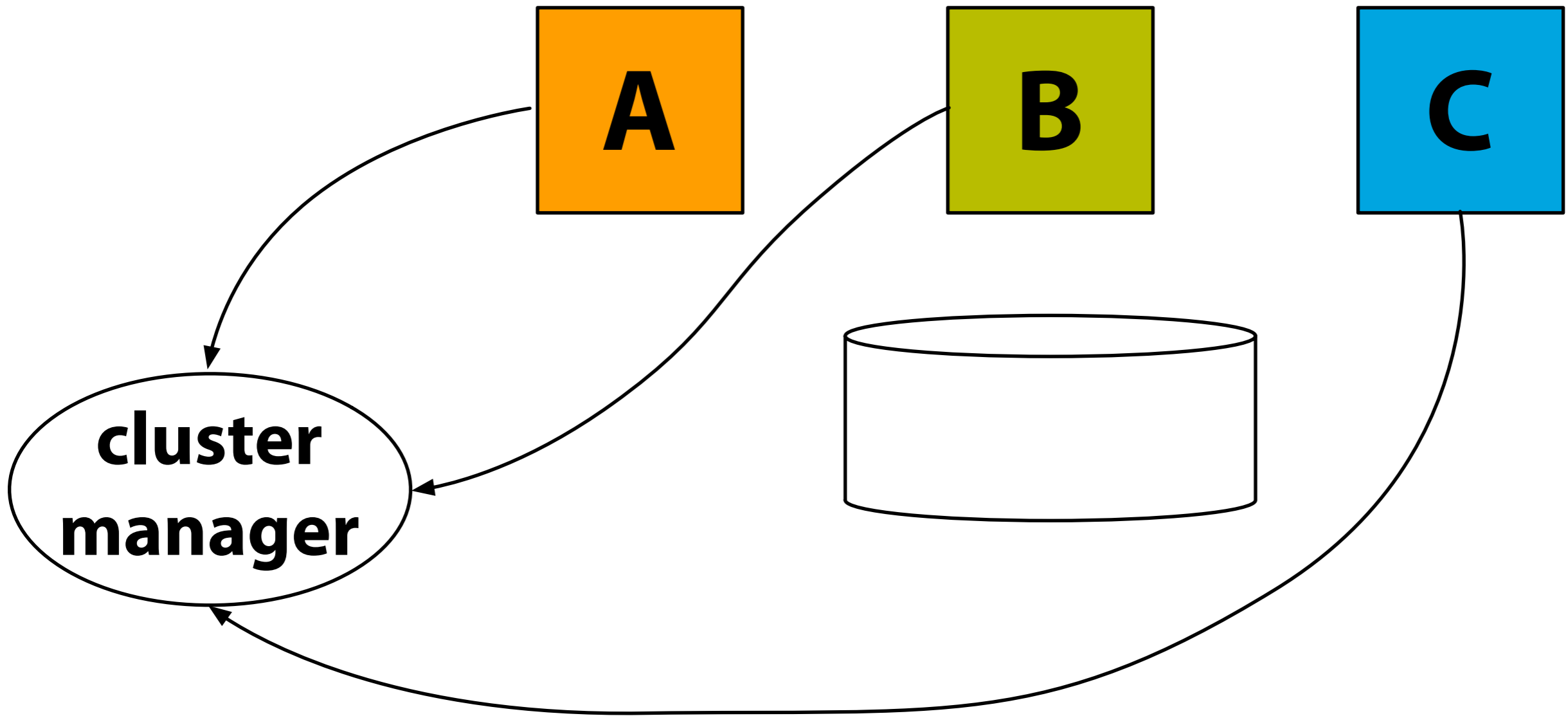
- **Minimal, configurable downtime in the case of schedd node failure**
- **You don't have to install anything**
- **It's easy to configure**

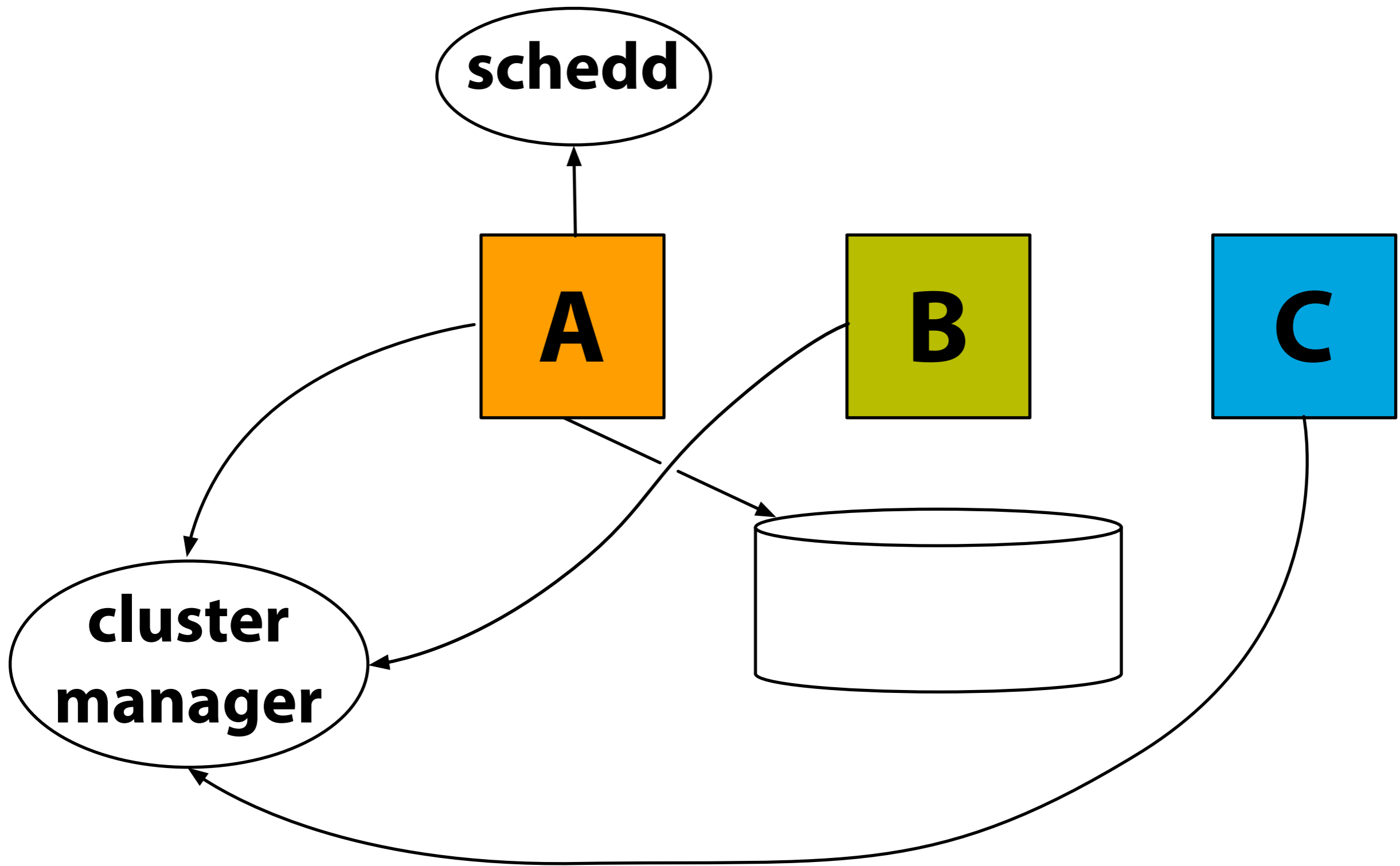
High-availability through Cluster Suite

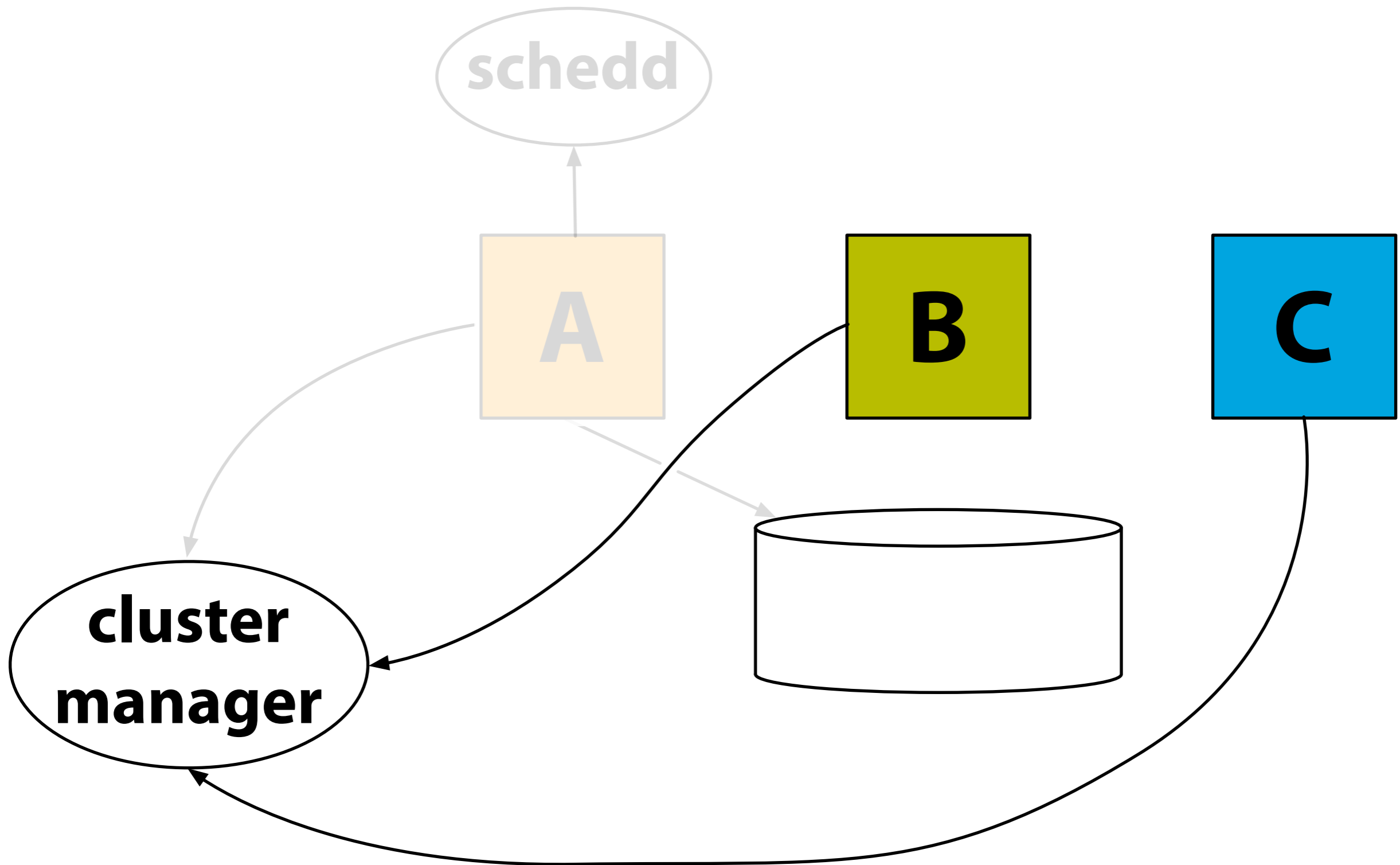
About Cluster Suite

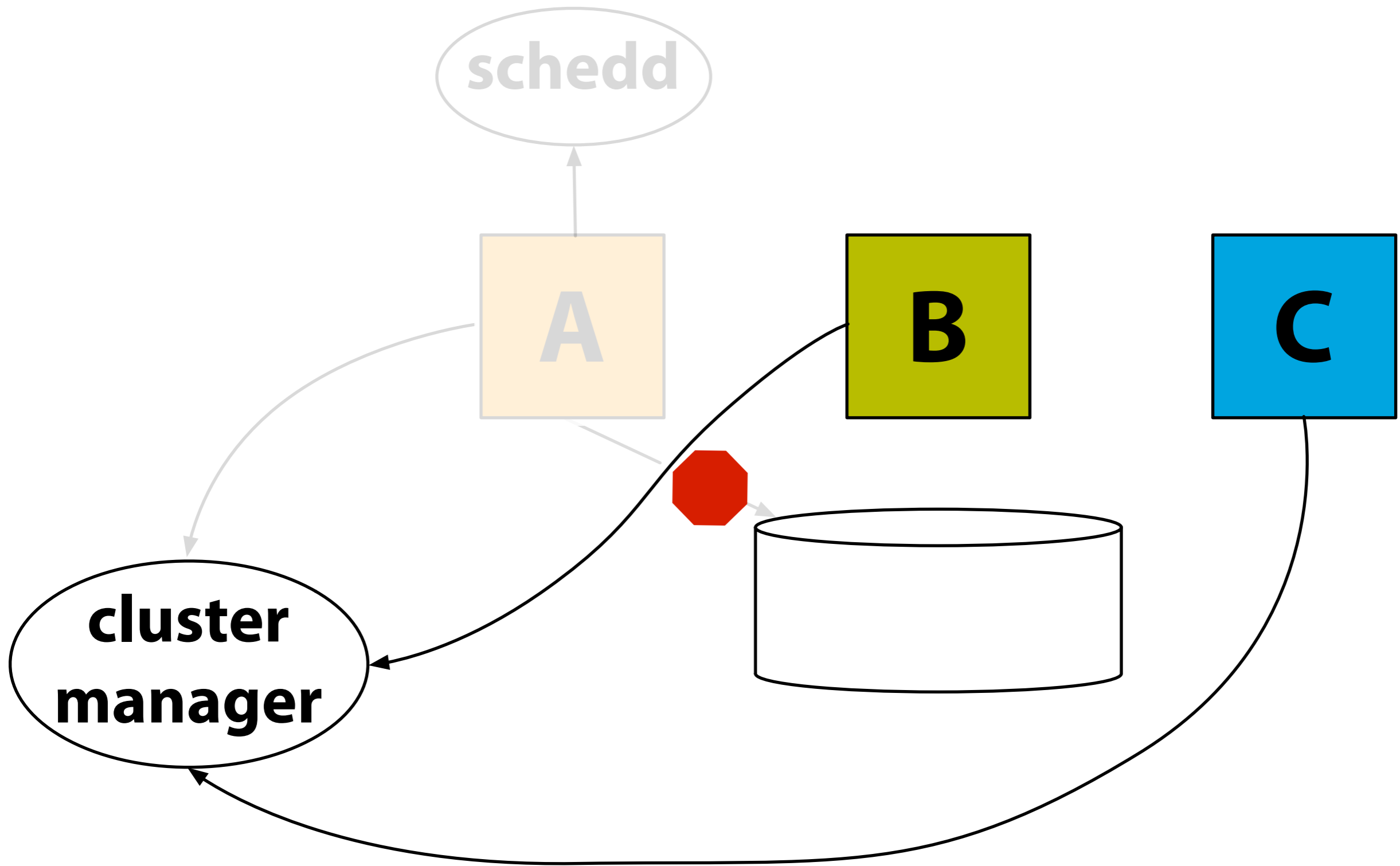
- **High-availability technology, distributed as open source and in Red Hat products**
- **Supports clustering and fencing**
- **Groups services into logical dependence-based hierarchies**

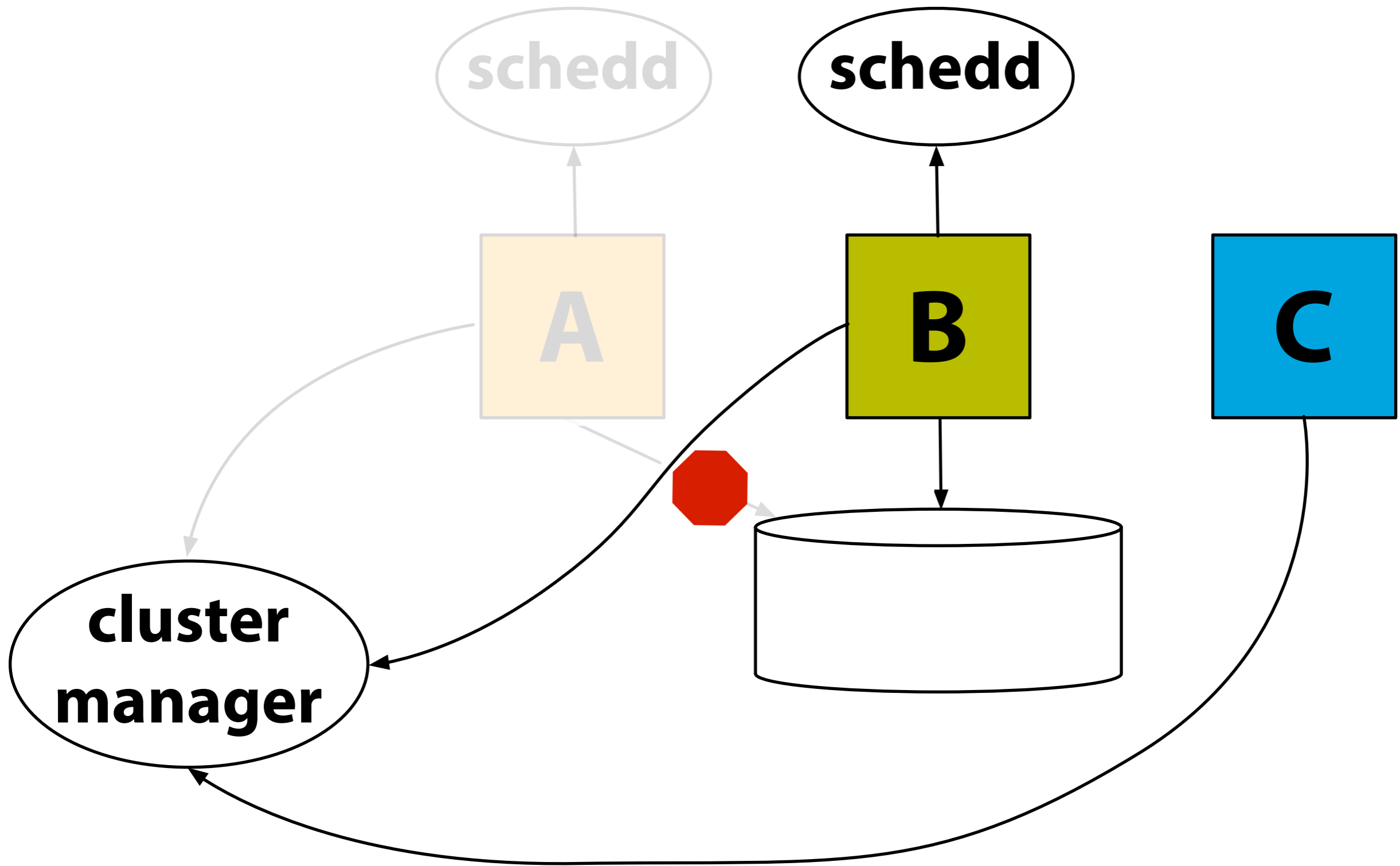












Nodes | Fence Devices | Failover Domains | Resources | **Service Groups** | Configure

!	Name	Status	Autostart	Failover Domain
<input type="checkbox"/>	HA Schedd schedd1	Running on ip-10-28-185-201	<input checked="" type="checkbox"/>	Schedd schedd1 Failover Domain
<input type="checkbox"/>	HA Schedd schedd2	Running on ip-10-28-12-164	<input checked="" type="checkbox"/>	Schedd schedd2 Failover Domain

HA Schedd schedd1 ▶ ↺ ■ ✕

Status Running on ip-10-28-185-201 ⌵

Edit service

Service Name

Automatically Start This Service

Run Exclusive

Failover Domain ⌵

Recovery Policy ⌵

Restart Options

Maximum Number of Restart Failures Before Relocating

Length of Time in Seconds After Which to Forget a Restart

Live demo

Questions?

Thanks!

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