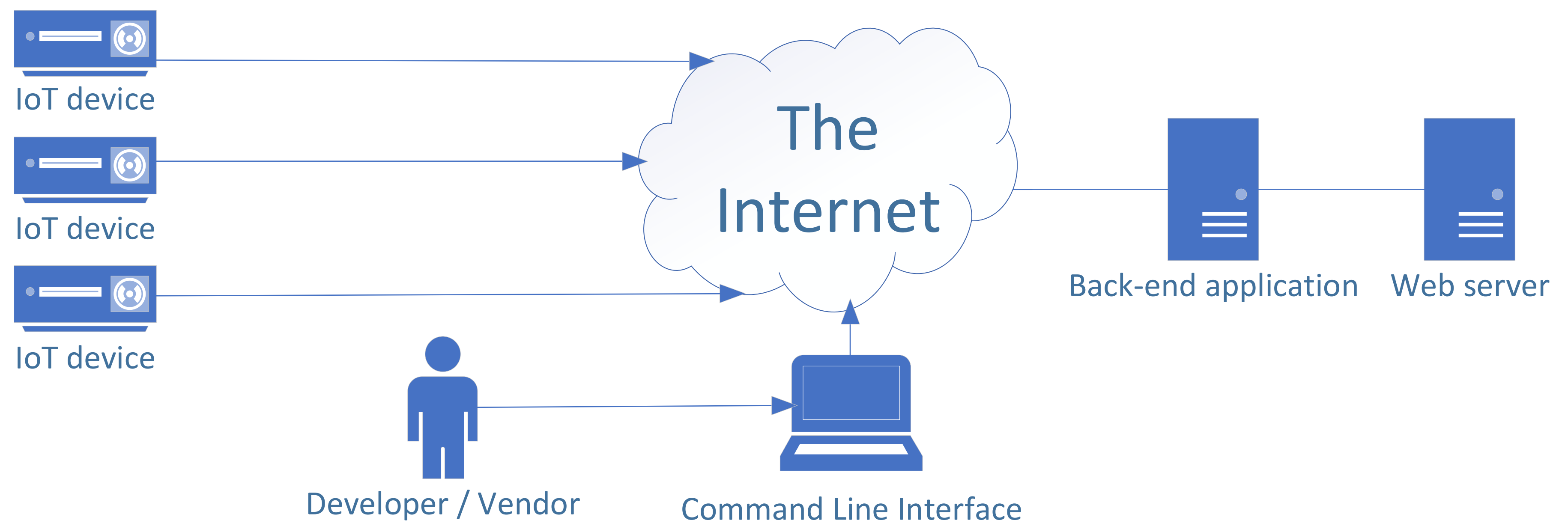


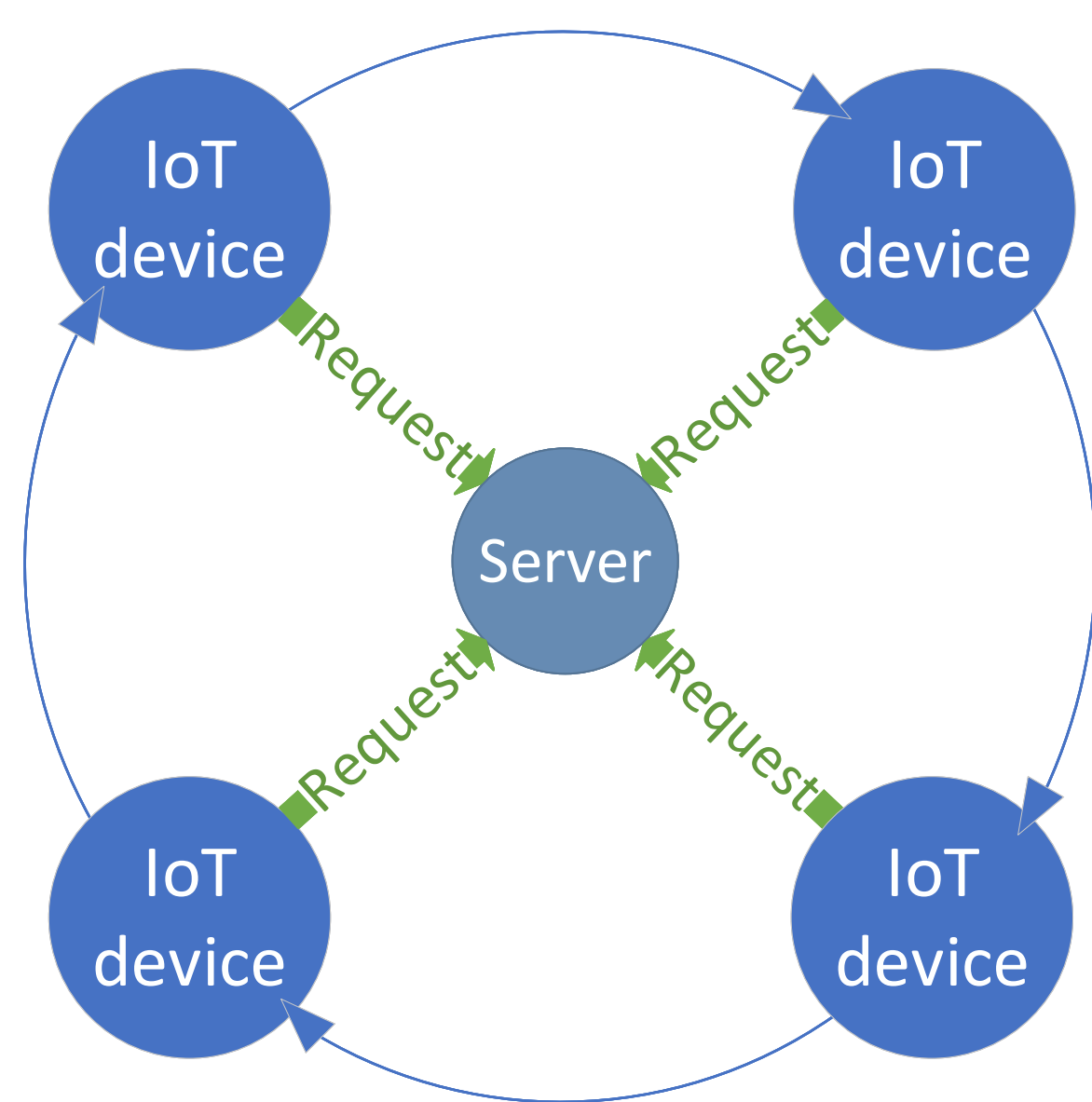
# Update distribution system for Internet of things devices



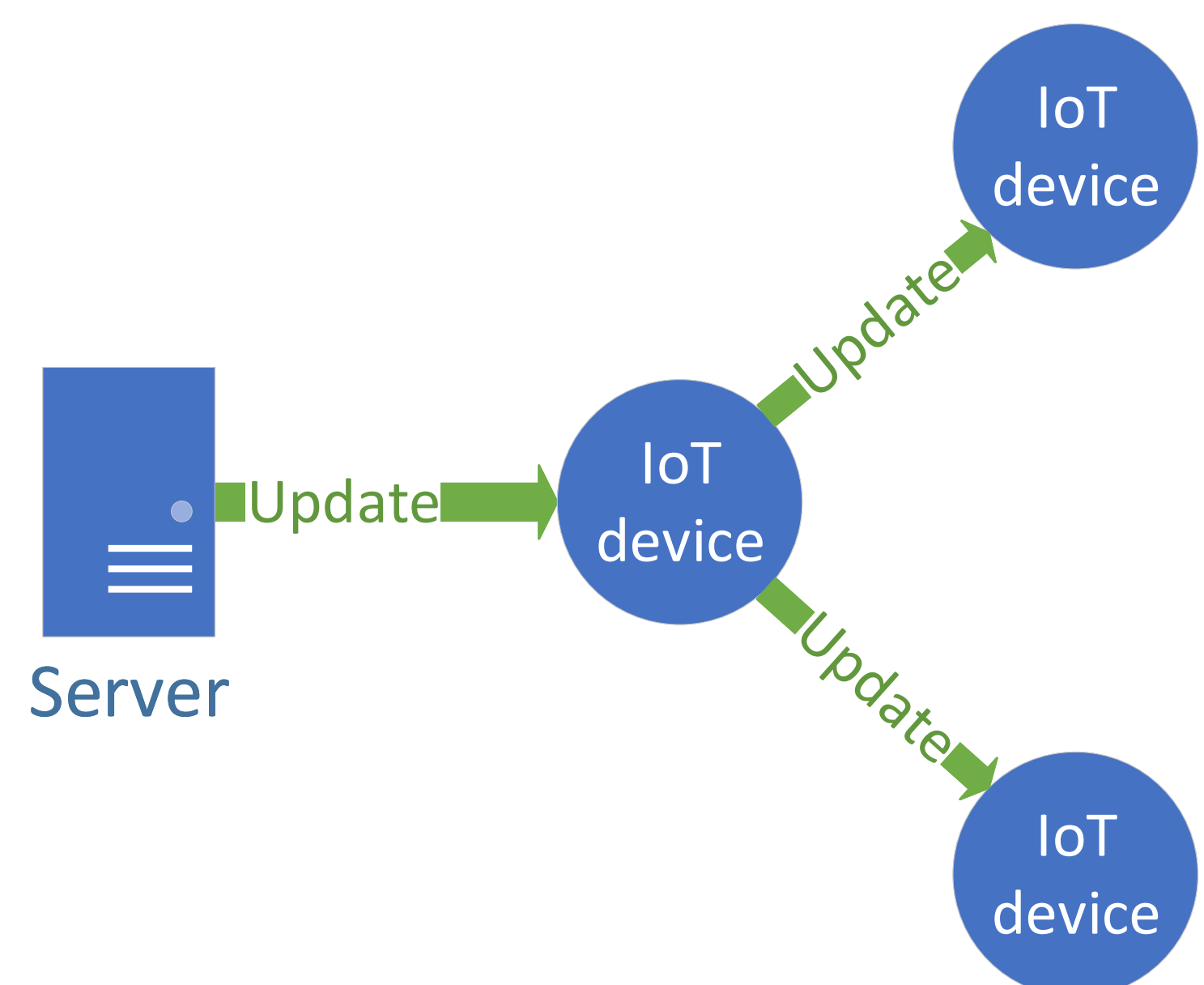
Project components: Server-side application, CLI and IoT library

## Features

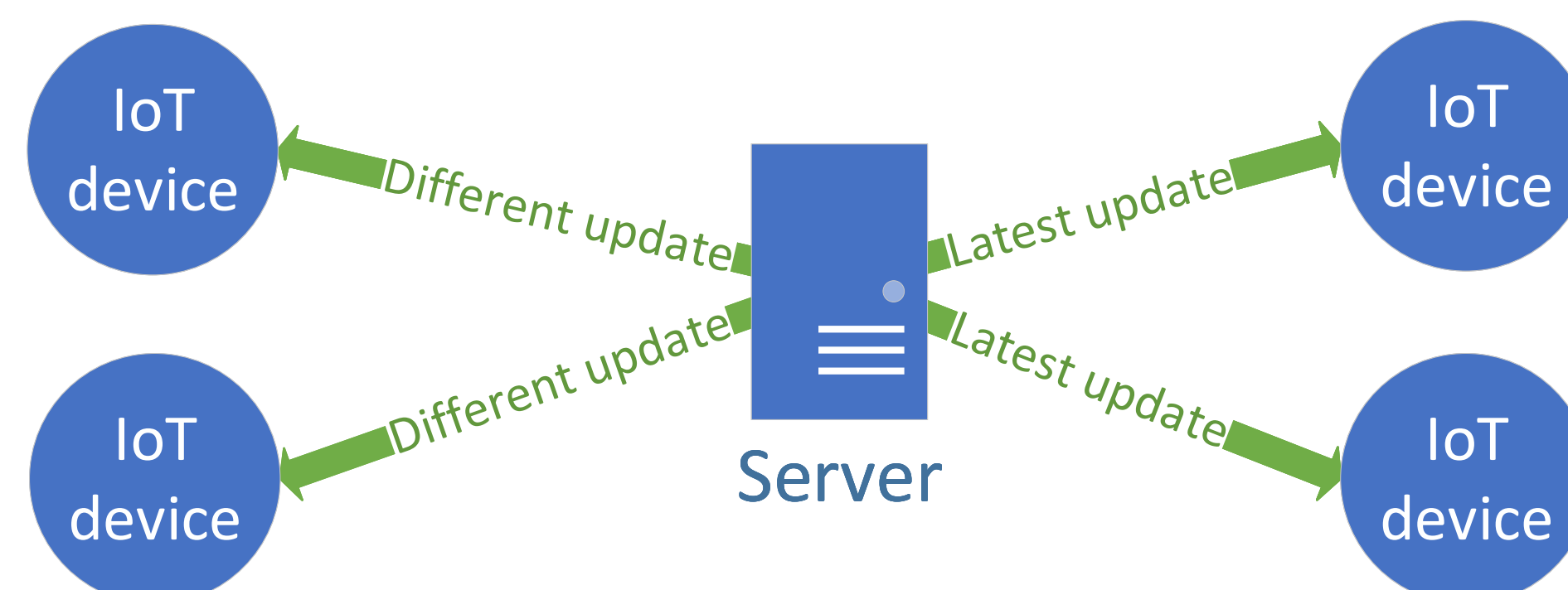
### Load balancing



### Peer-to-peer update delivery



### Update delivery for group of devices



## Update distribution steps

Server-based update process:

1. Request server after RR interval
2. Download an update if any
3. Check validity and install
4. Announce new version with a broadcast

Peer-to-peer update process:

1. Get update from an announcement
2. Check if update is valid and install
3. Announce new version with broadcast

Student: Oleg Sivers

Supervisor: Matthias Otto