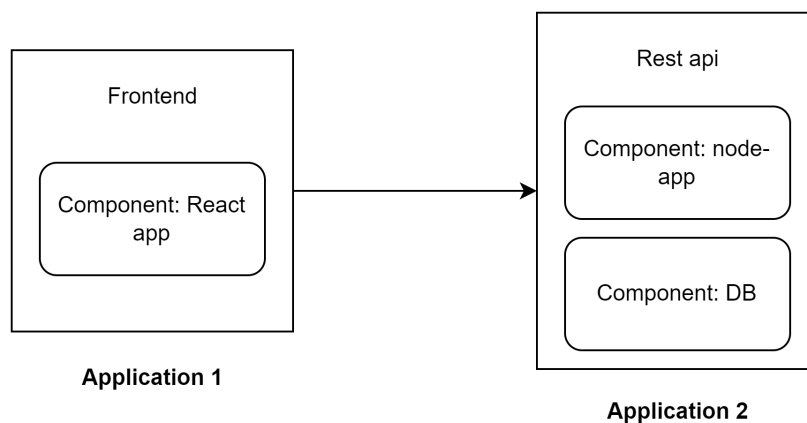


- **Communications between two applications:**

- The orchestrator CRD doesn't address the communication between two applications..
- if one application needs to communicate with another (more explicitly one component of an application needs to communicate with another component of another application) which has external access (ingress), it's obvious that this doesn't cause any problem
- However in case there is no external access, the communication isn't straightforward since the two applications exist in different namespaces (each application has its own namespace).
- Let's take this example: Rest api application (App 2) has no external access (for some reason, for example : the developer doesn't want to expose the rest-api for external access, only receive requests from Frontend app), However the frontend App (App 1) needs to communicate with it? and they are in different namespaces?



- One way to access a service from a different namespace is to use fully qualified domain name (FQDN): <<service_name.namespace.svc.cluster.local>>, so the developer of the react app image should use (FQDN) to access the node-app service, and not only the service name, in that case:
<<node-app.rest-api.svc.cluster.local>>. // the component name is the service name and the application name is the namespace according to the "orchestrator repo" logic
- There is another way to solve this problem, using "ExternalName", please check this [video](#)