Micro-service Architecture

Payment

Eureka

Org

Service Discovery

Feign & Ribbon:
Check organisation

Service Discovery
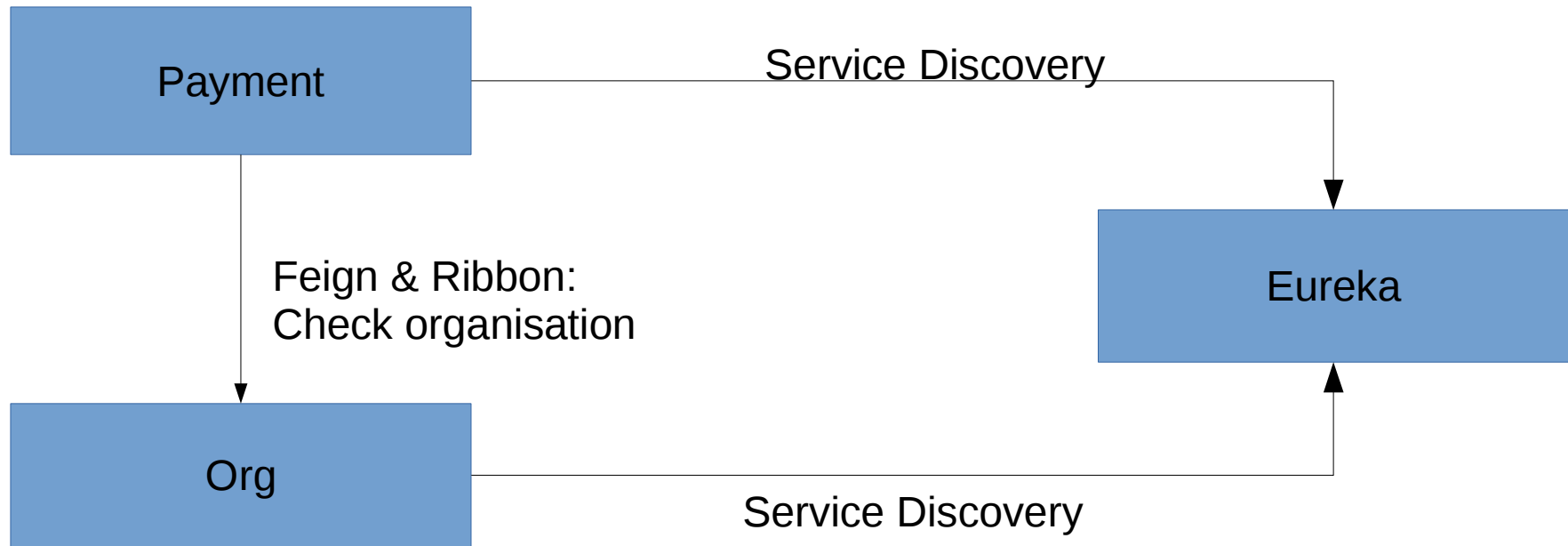
Rest API

Org Server:

URL Pattern	HTTP Method	Body	Description	Returns	Errors
/org/v1	GET		List all current orgs	200 & JSON list of orgs	
/org/v1/{id}	GET		Output org of id {id}	200 & JSON of org {id}	404
/org/v1/{id}	DELETE		Deletes org of id {id}	200	404
/org/v1/{id}	PUT	JSON of updated org	Updates org of id {id}	200 & JSON of org {id}	404
/org/v1	POST	JSON of new org	Creates a new org	200 & JSON of org {id}	
/org/v1/search/{name}	GET		Returns org matching name {name}	200 & JSON of org {id}	404

Payment Server:

URL Pattern	HTTP Method	Body	Description	Returns	Errors
/payment/v1	GET		List all current payments	200 & JSON list of payments	
/payment/v1/{id}	GET		Output payment of id {id}	200 & JSON of payment {id}	404
/payment/v1/{id}	DELETE		Deletes payment of id {id}	200	404
/payment/v1/{id}	PUT	JSON of updated payment	Updates payment of id {id}	200 & JSON of payment {id}	404
/payment/v1	POST	JSON of new payment	Creates a new payment	200 & JSON of payment {id}	