Show me the code!

Sound difficult? We can do it in fewer than 30 lines of code!

Setting up Pipes import {Pipe} from "./models/Pipe" const OUTPUT_EX = 'services.events' const INPUT EX = 'services.digest' export const setupListeners = ({ registry, dbConn, channel }) => { channel.assertExchange(OUTPUT_EX, 'topic', {durable: false}) channel.assertExchange(INPUT_EX, 'topic', {durable: false}) const pipesRepo = dbConn.getRepository(Pipe) registry.forEach(service => { service.events.forEach(async (event) => { // this routing key binds to all instances of the service let routingkey = `\${service.key}.*.\${event.key}` let q = await <u>channel</u>.assertQueue('', {exclusive: true}) channel.bindQueue(q.queue, OUTPUT_EX, routingKey) console.log(`listening to (\${routingKey}) on exchange (\${OUTPUT_EX})`) let $handler = async (msq) => {$ let pipes = await pipesRepo.find({ event: msg.fields.routingKey }) pipes.forEach(pipe => { channel.publish(INPUT_EX, pipe.digest, msg.content) channel.consume(q.queue, handler, {noAck: true}) })

Service Registry Configuration

```
Test Output
```

```
app_1
             [TypeScript]
             [TypeScript] 02:53:02 - Found 0 errors. Watching for file changes.
app 1
             [Node] [nodemon] restarting due to changes...
app_1
            | [Node] [nodemon] starting `node dist/server.js`
app_1
            | [Node] App running on port 80
app 1
app_1
            | [Node] listening to (pub-repos.*.pubs-added) on exchange (services.events)
app_1
            | [Node] listening to (pub-repos.*.pubs-updated) on exchange (services.events)
app 1
           | [Node] listening to (pub-repos.*.pubs-removed) on exchange (services.events)
app_1
           | [Node] listening to (user-groups.*.user-joined) on exchange (services.events)
           [Node] listening to (user-groups.*.user-left) on exchange (services.events)
app_1
app 1
           [Node]
           [Node] --- Piping Message ---
app_1
app_1
            [Node] (user-groups.29y8.user-joined) => [
app 1
            [Node] "data-extraction.fvh97.add-user",
app_1
             [Node]
                      "data-extraction.423.add-user"
            [Nodel ]
app_1
             [Node] --- End ---
app 1
```

Database Contents