

```
"dev": "vite",
"build": "npm run build-domain && npm run build-webui",
"build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
"build-webui": "vite build",
"standalone": "jitar start --service=services/standalone.json",
"data": "jitar start --service=services/data-worker.json",
"default": "jitar start --service=services/default-worker.json",
"gateway": "jitar start --service=services/gateway.json",
"repository": "jitar start --service=services/repository.json",
"proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

~ Distributed JavaScript Runtime ~

```
[INFO] Server started at http://127.0.0.1:3000
```

[INFO] Provided web client

```
[INFO] Ran request: domain/sayHello
```

```
>_ gateway
```

```
>_ repository
```



 data

>_ default

C

ents

ces

-worker.json

ult-worker.json

way.json

y.json

sitory.json

dalone.json

main

pHelloCount.ts

Hello.ts

```
main
  pHelloCount.ts
  Hello.ts
```

```
[INFO] Ran request: domain/sayHello
```

1. **Introduction**

```
>_ gateway
>_ repository
>_ proxy
>_ data
>_ default
```

- app
 - public
 - segments
 - services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
 - src
 - domain
 - keepHelloCount.ts
 - sayHello.ts

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

```

~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello

```

```
> gateway
> repository
> proxy
> data
> default
```

Code Editor

EXPLORER

- ✓ app
 - > public
 - > segments
 - ✓ services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- ✓ src
 - ✓ domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
```

- gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- ✓ app
 - > public
 - > segments
 - ✓ services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- ✓ src
 - ✓ domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
█
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- ✓ app
 - > public
 - > segments
 - ✓ services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- ✓ src
 - ✓ domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
█
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- ✓ app
 - > public
 - > segments
 - ✓ services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- ✓ src
 - ✓ domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
█
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- ✓ app
- > public
- > segments
- ✓ services
 - { } data-worker.json
 - { } default-worker.json
 - { } gateway.json
 - { } proxy.json
 - { } repository.json
 - { } standalone.json
- ✓ src
 - ✓ domain
 - TS keepHelloCount.ts
 - TS sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
█
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- ✓ app
 - > public
 - > segments
 - ✓ services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- ✓ src
 - ✓ domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
█
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- app
 - public
 - segments
 - services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- src
 - domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

- ✓ app
 - > public
 - > segments
 - ✓ services
 - data-worker.json
 - default-worker.json
 - gateway.json
 - proxy.json
 - repository.json
 - standalone.json
- ✓ src
 - ✓ domain
 - keepHelloCount.ts
 - sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

```
┌───┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐ ┌──┐
~ Distributed JavaScript Runtime ~
-----
[INFO] Server started at http://127.0.0.1:3000
[INFO] Provided web client
[INFO] Ran request: domain/sayHello
█
```

- > gateway
- > repository
- > proxy
- > data
- > default

Code Editor

EXPLORER

app

public

segments

services

data-worker.json

default-worker.json

gateway.json

proxy.json

repository.json

standalone.json

src

domain

keepHelloCount.ts

sayHello.ts

CODE → package.json

```
"version": "0.0.0",
"type": "module",
"scripts":
{
  "dev": "vite",
  "build": "npm run build-domain && npm run build-webui",
  "build-domain": "rimraf dist && tsc -p tsconfig.build.json && jitar build",
  "build-webui": "vite build",
  "standalone": "jitar start --service=services/standalone.json",
  "data": "jitar start --service=services/data-worker.json",
  "default": "jitar start --service=services/default-worker.json",
  "gateway": "jitar start --service=services/gateway.json",
  "repository": "jitar start --service=services/repository.json",
  "proxy": "jitar start --service=services/proxy.json"
```

TERMINAL

┌┐┌┐┌┐┌┐

~ Distributed JavaScript Runtime ~

[INFO] Server started at http://127.0.0.1:3000

[INFO] Provided web client

[INFO] Ran request: domain/sayHello

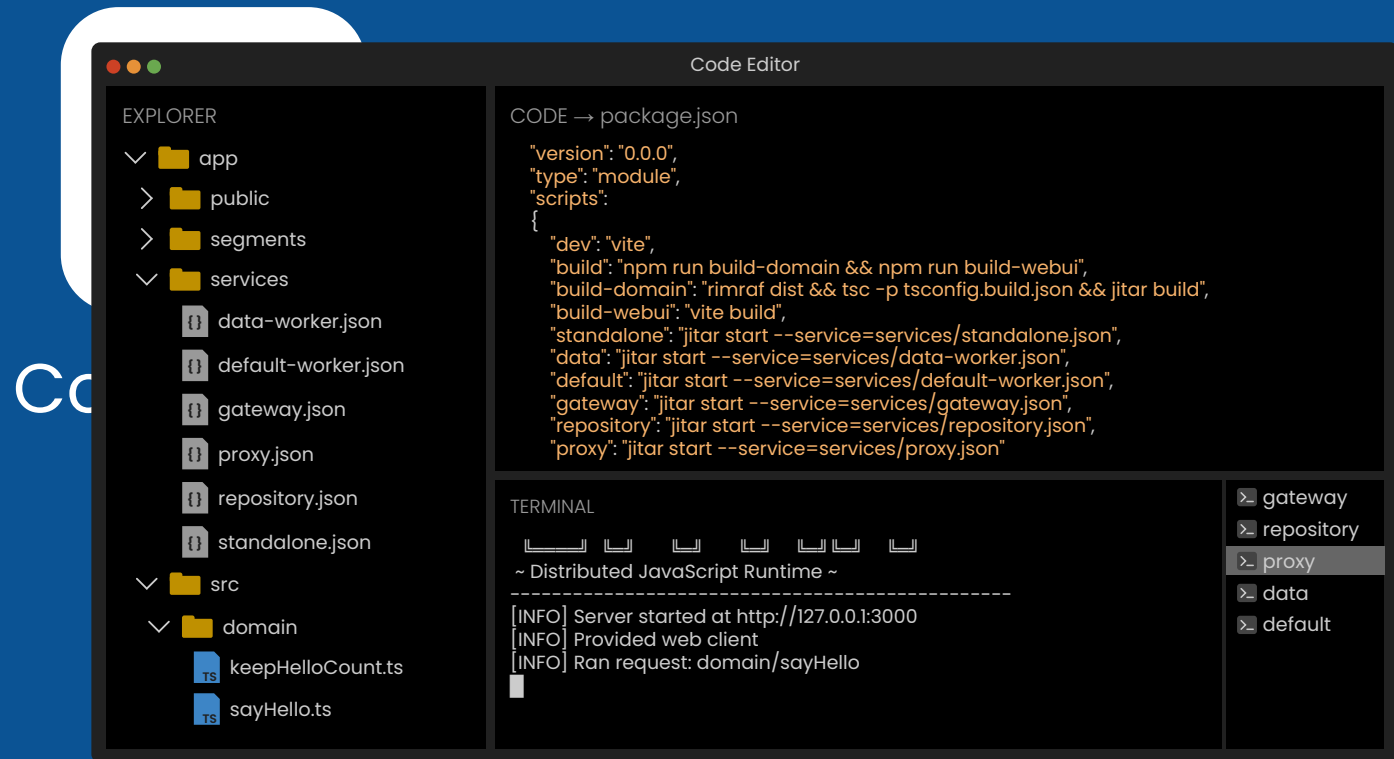
> gateway

> repository

> proxy

> data

> default





Code Editor

