

Railway.toml Configuration - Successfully Created and Pushed

Date: October 24, 2025

Commit: 731a8f4

Status:  COMPLETED & PUSHED



Summary

Successfully created and pushed a `railway.toml` configuration file to fix Railway deployment issues for the Workigom monorepo. The configuration now correctly points to the root directory where all backend files have been moved.



Configuration Content

The following `railway.toml` file was created in the root directory:

```
# 🚂 Railway Configuration - Workigom Backend API
# This configuration ensures Railway uses the correct Dockerfile from the root directory
# The backend code has been moved to the project root to resolve path issues

[build]
# Use Dockerfile builder (Railway will look for Dockerfile in the root)
builder = "dockerfile"
# Dockerfile is in the root directory
dockerfilePath = "Dockerfile"

[deploy]
# Backend listens on port 3001
startCommand = "/app/start.sh"
restartPolicyType = "on_failure"
restartPolicyMaxRetries = 10

# Health check configuration
healthcheckPath = "/api/health"
healthcheckTimeout = 300

# Watch paths for automatic redeployment
watchPatterns = [
    "src/**",
    "prisma/**",
    "package.json",
    "package-lock.json",
    "tsconfig.json",
    "Dockerfile"
]
```

Key Configuration Features

Build Settings

- **Builder Type:** `dockerfile` - Tells Railway to use Docker for building
- **Dockerfile Path:** `Dockerfile` - Points to the Dockerfile in the root directory
- This ensures Railway uses the correct, restructured codebase

Deployment Settings

- **Start Command:** `/app/start.sh` - Custom startup script that runs Prisma migrations before starting the server
- **Restart Policy:** `on_failure` with max 10 retries - Automatic recovery from crashes
- **Health Check:** `/api/health` endpoint with 300s timeout - Railway will monitor service health

Watch Patterns

Auto-redeploy triggers when changes are detected in:

- `src/**` - All source code files
- `prisma/**` - Database schema and migrations
- `package.json` & `package-lock.json` - Dependencies
- `tsconfig.json` - TypeScript configuration
- `Dockerfile` - Build configuration



Git History

```
731a8f4 config: Railway monorepo konfigürasyonu eklendi (backend servisi ayarlandı)
0d2ceca Add project restructuring documentation
a8d59cb feat: Backend dosyaları Railwaylin okuması için kök dizine taşındı ve Dockerfile basitleştirildi.
```



What This Fixes

Previous Issue

Railway was configured to look for backend code in the `backend/` subdirectory, but after restructuring:

- All backend files were moved to the project root
- The `backend/` directory became just a placeholder
- Railway couldn't find the correct Dockerfile and build context

Solution

The `railway.toml` file now explicitly tells Railway:

1. Look for the Dockerfile in the root directory
2. Use the root as the build context
3. Monitor the correct paths for changes
4. Use the proper health check endpoint
5. Apply the correct restart policies

Next Steps for Railway Dashboard

After pushing this configuration, you need to verify in the Railway dashboard:

1. Service Settings Check

Go to your workigom service → Settings tab and verify:

- **Root Directory:** Should be `/` or left empty (NOT `backend/`)
- **Dockerfile Path:** Will be automatically read from `railway.toml`
- **Health Check Path:** Should show `/api/health`

2. Remove Manual Overrides

If you have manually set “Root Directory” to `backend` or `backend/` in the Railway dashboard:

- Clear/remove this setting
- Let Railway use the `railway.toml` configuration instead

3. Trigger Redeploy

After verifying the settings:

- Click “Redeploy” in Railway dashboard
- Railway will now use the correct configuration from `railway.toml`
- Monitor the build logs to confirm it’s using the root Dockerfile

Verification Checklist

- [x] `railway.toml` created in root directory
- [x] Configuration specifies correct Dockerfile path
- [x] Health check endpoint configured
- [x] Watch patterns set for auto-redeploy
- [x] Changes committed to git
- [x] Changes pushed to GitHub master branch

Next: Railway Dashboard Actions Needed

- [] Go to Railway → workigom service → Settings
- [] Remove “backend” or “backend/” from Root Directory field (if set)
- [] Save settings
- [] Trigger a new deployment
- [] Verify build logs show: “ WORKIGOM BACKEND DOCKERFILE - If you see this...”

Related Documentation

- `RESTRUCTURING_SUMMARY.md` - Details on why backend was moved to root
- `Dockerfile` - The build configuration being used
- `RAILWAY_DEPLOYMENT.md` - General Railway deployment guide



Completion Status

-  **Configuration file created**
 -  **Git commit successful**
 -  **Pushed to GitHub**
 -  **Awaiting Railway dashboard verification and redeploy**
-

Note: The `railway.toml` configuration takes precedence over dashboard settings. After this push, Railway will automatically detect and use this configuration file for future deployments.