

Artifact to File Mapping - Quick Reference

This guide shows you exactly which artifact contains which file, so you can easily copy the code.

Root Level Files

File	Artifact Name	Copy To
docker-compose.yml	docker-compose.yml	ai-platform/docker-compose.yml

Backend Root Files

File	Artifact Name	Copy To
Dockerfile	backend/Dockerfile	ai-platform/backend/Dockerfile
package.json	backend/package.json	ai-platform/backend/package.json
.env	Create manually (see below)	ai-platform/backend/.env

Create `.env` manually:

```
env  
  
NODE_ENV=production  
PORT=3000  
DB_HOST=postgres  
DB_PORT=5432  
DB_USER=aiplatform  
DB_PASSWORD=aiplatform123  
DB_NAME=aiplatform  
JWT_SECRET=change-this-to-a-random-secret-key
```

Database Files

File	Artifact Name	Copy To
init.sql	backend/init-db/init.sql	ai-platform/backend/init-db/init.sql

Main Entry

File	Artifact Name	Copy To
index.js	backend/src/index.js	ai-platform/backend/src/index.js

Config Files

File	Artifact Name	Copy To
database.js	backend/src/config/database.js	ai-platform/backend/src/config/database.js

Middleware Files

File	Artifact Name	Copy To
auth.js	backend/src/middleware/auth.js	ai-platform/backend/src/middleware/auth.js
errorHandler.js	backend/src/middleware/errorHandler.js	ai-platform/backend/src/middleware/errorHandler.js

Utils Files

File	Artifact Name	Copy To
jwt.js	backend/src/utils/jwt.js	ai-platform/backend/src/utils/jwt.js
password.js	backend/src/utils/password.js	ai-platform/backend/src/utils/password.js

Service Files

File	Artifact Name	Copy To
aiProviders.js	backend/src/services/aiProviders.js	ai-platform/backend/src/services/aiProviders.js
keySelector.js	backend/src/services/keySelector.js	ai-platform/backend/src/services/keySelector.js
permissions.js	backend/src/services/permissions.js	ai-platform/backend/src/services/permissions.js

Adapter Files (AI Provider Plugins)

File	Artifact Name	Copy To
BaseAdapter.js	backend/src/services/adapters/ BaseAdapter.js	ai-platform/backend/src/services/adapters/ BaseAdapter.js
openai.js	backend/src/services/adapters/openai.js	ai-platform/backend/src/services/adapters/openai.js
anthropic.js	backend/src/services/adapters/anthropic.js	ai-platform/backend/src/services/adapters/anthropic.js
gemini.js	backend/src/services/adapters/gemini.js	ai-platform/backend/src/services/adapters/gemini.js
deepseek.js	backend/src/services/adapters/deepseek.js	ai-platform/backend/src/services/adapters/deepseek.js

Route Files

File	Artifact Name	Copy To
auth.js	backend/src/routes/auth.js	ai-platform/backend/src/routes/auth.js
projects.js	backend/src/routes/projects.js	ai-platform/backend/src/routes/projects.js
chats.js	backend/src/routes/chats.js	ai-platform/backend/src/routes/chats.js
permissions.js	backend/src/routes/permissions.js	ai-platform/backend/src/routes/permissions.js
providers.js	backend/src/routes/providers.js	ai-platform/backend/src/routes/providers.js

Job Files

File	Artifact Name	Copy To
rateLimitReset.js	backend/src/jobs/rateLimitReset.js	ai-platform/backend/src/jobs/rateLimitReset.js

Quick Copy Process

Step 1: Create Directory Structure

```
bash
```

```
bash setup.sh
```

Step 2: Copy Files

1. Scroll through the conversation above
2. Find each artifact by its title
3. Copy the code
4. Paste into the corresponding file location

Step 3: Verify All Files Exist

```
bash
```

```
cd ai-platform/backend  
find src -name "*.js" | sort
```

You should see:

```
src/config/database.js  
src/index.js  
src/jobs/rateLimitReset.js  
src/middleware/auth.js  
src/middleware/errorHandler.js  
src/routes/auth.js  
src/routes/chats.js  
src/routes/permissions.js  
src/routes/projects.js  
src/routes/providers.js  
src/services/adapters/BaseAdapter.js  
src/services/adapters/anthropic.js  
src/services/adapters/deepseek.js  
src/services/adapters/gemini.js  
src/services/adapters/openai.js  
src/services/aiProviders.js  
src/services/keySelector.js  
src/services/permissions.js  
src/utils/jwt.js  
src/utils/password.js
```

Total: **20 JavaScript files**

Step 4: Start the System

```
bash
```

```
cd ai-platform  
docker-compose up -d  
docker-compose logs -f backend
```

🔍 Troubleshooting File Locations

"Can't find artifact X"

Look for the artifact title in my previous responses. Use Ctrl+F / Cmd+F to search for the artifact name.

"File path doesn't match"

Use this exact mapping above. The artifact title shows the full path.

"Missing adapter file"

All 5 adapter files (BaseAdapter.js, openai.js, anthropic.js, gemini.js, deepseek.js) were created above. Search for "Adapter" in the conversation.

✓ Verification Checklist

- All 20 .js files created
- package.json exists
- Dockerfile exists
- docker-compose.yml exists
- .env file created with your secrets
- init.sql exists
- Directory structure matches the tree above

Once all checked, run:

```
bash
```

```
docker-compose up -d
```