

Quick Reference Card - Common Commands

Deployment

```
bash

# Initial setup
chmod +x *.sh
./check.sh      # Verify files
./deploy.sh     # Deploy everything

# Production start
docker-compose up -d

# Stop everything
docker-compose down

# Restart a service
docker-compose restart backend
```

Monitoring

```
bash

# View all logs
docker-compose logs -f

# View specific service
docker-compose logs -f backend
docker-compose logs -f frontend
docker-compose logs -f postgres

# Check status
docker-compose ps

# Check database
./check-db.sh
```

Backup & Restore

```
bash
```

```
./backup.sh      # Create backup  
./list-backups.sh  # View all backups  
./restore.sh     # Restore (interactive)  
./rollback.sh    # Quick rollback to latest  
./cleanup-backups.sh # Clean old backups
```

🗄 Database

```
bash
```

```
# Access database  
docker-compose exec postgres psql -U aiplatform -d aiplatform  
  
# Common queries  
SELECT * FROM users;  
SELECT * FROM projects;  
SELECT * FROM api_keys;  
  
# Make user admin  
UPDATE users SET is_admin = true WHERE username = 'username';  
  
# Exit psql  
\q
```

🌐 URLs

```
http://localhost      # Frontend (React)  
http://localhost/api/health # Backend health check  
http://localhost:8080      # Traefik dashboard
```

📁 Important Files

```
docker-compose.yml      # Main config  
backend/.env            # Backend secrets  
backend/init-db/init.sql # Database schema
```

🔒 First Time Setup

```
bash
```

```
# 1. Deploy  
./deploy.sh  
  
# 2. Visit http://localhost  
# 3. Register (becomes admin)  
# 4. Go to Admin tab  
# 5. Add API keys  
# 6. Create project  
# 7. Create chat  
# 8. Send message!
```

Quick Fixes

```
bash
```

```
# Nothing works  
docker-compose down  
docker-compose up -d
```

```
# Database issues  
.check-db.sh  
.init-db-manual.sh
```

```
# Backend won't start  
docker-compose logs backend  
docker-compose restart backend
```

```
# Frontend blank  
docker-compose up -d --build frontend
```

```
# Fresh start (DELETES DATA)  
docker-compose down -v  
./deploy.sh
```

Maintenance

```
bash
```

```
# Daily
```

```
./backup.sh
```

```
# Weekly
```

```
./cleanup-backups.sh
```

```
docker-compose logs > logs/${date +%Y%m%d}.log
```

```
# Monthly
```

```
# Review disk space
```

```
df -h
```

```
du -sh backups/
```

```
# Review users
```

```
docker-compose exec postgres psql -U aiplatform -d aiplatform \
```

```
-c "SELECT username, is_admin, created_at FROM users;"
```