

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;"
```