

Command Flutter

Berikut daftar **command Flutter** yang paling sering digunakan (praktis buat sehari-hari):

◆ Dasar

```
flutter --version      # Cek versi Flutter
flutter doctor         # Diagnosa instalasi Flutter & environment
flutter doctor -v      # Versi lebih detail
```

◆ Project

```
flutter create my_app  # Membuat project baru
flutter pub get         # Download dependency dari pubspec.yaml
flutter pub upgrade     # Update dependency ke versi terbaru
flutter clean          # Hapus cache build (kalau ada error aneh)
```

◆ Menjalankan Aplikasi

```
flutter run            # Jalankan app di device/emulator
flutter run -d emulator-5554 # Jalankan ke device/emulator tertentu
flutter devices        # List device yang tersedia
```

◆ Emulator

```
flutter emulators      # List emulator terdaftar
flutter emulators --launch Pixel_4_API_34 # Jalankan emulator tertentu
flutter emulators --create # Membuat emulator (via CLI)
```

◆ Build

```
flutter build apk      # Build APK untuk Android
```

```
flutter build apk --release      # Build release APK
flutter build appbundle --release # Build AAB untuk Play Store
flutter build ios --release      # Build untuk iOS (butuh macOS +
Xcode)
```

◆ Testing & Debugging

```
flutter test                    # Jalankan unit test
flutter analyze                 # Analisis code (linting)
flutter format .                # Format kode sesuai style Flutter
```

◆ Hot Reload & Hot Restart

- **Hot Reload:** `r` (saat `flutter run` berjalan)
 - **Hot Restart:** `R` (saat `flutter run` berjalan)
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◆ Update & Upgrade Flutter

```
flutter upgrade    # Update Flutter SDK ke versi terbaru
flutter channel    # Lihat channel (stable, beta, dev, master)
flutter channel stable # Pindah ke channel stable
```

📌 Jadi kalau sehari-hari, kombinasi yang paling sering dipakai:

- `flutter create` → bikin project
- `flutter run` → jalanin project
- `flutter doctor` → cek instalasi
- `flutter build apk` → build untuk distribusi