Make Better Qt Applications. Cut Dev Time.

Felgo SDK

200+ APIs on Top of Qt

- Responsive layout components for phone, tablet & Desktop
- Advanced controls and native navigation cross-platform
- Display Cutout & Notch Support
- · iOS, Android & Generic Style
- Save up to 90% code compared to plain Qt!

Native Plugins & Device Features

- QML APIs for native dialogs, camera, sharing and more
- Write native code using JavaScript (no C++ wrapper)
- Push Notifications, Analytics, Facebook, Firebase, Monetization, Beta Testing & Crash Reporting

Save 20h - 80h per developer

per month

Android and iOS Native App Integration

- · Embed native views in QML
- Add Qt & Felgo views to existing Android and iOS applications
- Allows step-by-step migration of native apps to Qt
- · Mix Qt with Android Automotive

Qt Tooling

Felgo QML Hot Reload

- · Instant reload of QML & JS code
- Simultaneous testing on multiple devices at once
- Skip build & deployment to save hours of development time
- Develop for iOS from Windows and Linux
- Deploy OTA updates of your live application

Cloud Services and IDE Support

- Felgo Cloud Builds CI/CD to automate building for Mobile, Desktop & Embedded
- Qt Creator Integration for Felgo Tools
- Visual Studio / VS Code QML Plugins
- Cloud IDE to Develop Qt Quick in the Browser









Felgo Professional Services

All services are offered on-site or remote. Available internationally.

Qt Development Services

- Embedded, Mobile, Desktop & Web
- HMI and UI/UX development
- Standalone or support dev team
- Qt application optimization
- Cross-platform development

Qt Training & Workshops

- Qt & QML development
- Felgo development
- Cross-platform development
- HMI development
- Qt workflow optimizations





Join our customers



























Faster time-to-market. Reduced costs. Instant ROI.



Save time

Up to -50%



Save code

Up to -90%



Save money

Up to \$88,000 per year/per developer

Average hourly rate (company cost) mid-level developer US: **\$90** /h

Time savings with Felgo: **20h to 80h** /month

Yearly savings: \$90 x (20h to 80h) x 12

\$22,000 to \$88,000 /year & developer

How Felgo saves 20 - 80h per developer per month

Felgo Professional Services

- Train your team to develop efficiently and boost productivity
- Development services to support your team and build your product faster
- All services are available on-site and remote

Felgo SDK and Qt Tooling

- Save time using 200+ QML APIs and seamless integration with native platforms
- QML Hot Reload instantly reloads QML & JS code to cut dev time and ensure short testing cycles
- Cloud Builds CI/CD, Web IDE and QML Extensions for Visual Studio & VS Code to support development

The Felgo SDK saves up to 90% of code compared to pure Qt projects. The result: less maintenance, fewer errors, faster development, reduced costs.

Case Study:

Qt World Summit Conference Application



90% less code

No C++ and no custom solutions for native platform features and UI/UX.

What Our Customers Say

"We wanted to make a really good product without compromising on quality due to time constraints. This is why we went for a supplier like Felgo. As a result we delivered in time, in budget & with additional functionalities. It was just a seamless way of working together."

Senior Manager, Telenav

"I am using Felgo QML Hot Reload and my feedback is.. WOW! It is SO much easier!! So fast! I've several devices connected at once and it works perfectly. This is already speeding up my development massively."

Qt Developer, Freelancer

Join our customers



T··Mobile·















www.felgo.com/qt-offer







QML Quick Reference: Most Important KFELGO and Oli Components - Overview

Layout

Generic layout components to build your UI.

App AppCard AppModal **AppOverlay AppPage AppPaper** Dialog

FlickablePage ListPage Column Flow Grid

Layout Rectangle Repeater

Item

Row

Navigation

Routing and navigating within the application.

ActivityIndicatorBarItem **AppDrawer** ButtonBarltem IconButtonBarItem Navigation

NavigationBarltem NavigationBarRow NavigationItem

NavigationBar

NavigationStack **TabControl**

TextButtonBarltem

Logic & Data Storage

Application logic and data storage components.

DateFormatter Storage

WebStorage Component Connections FontLoader Loader

LocalStorage Settings Timer

WorkerScript

User Input & Controls

Handle click/touch or data input from the user.

AppActivityIndicator **AppButton AppCardSwipeArea AppCheckBox AppFlickable** Applcon **AppRadio** AppRangeSlider

AppScrollIndicator AppSlider **AppSwitch**

AppTabBar AppTabButton

AppText AppTextEdit **AppTextField**

DatePicker FloatingActionButton

IconButton InputDialog NativeDialog

PageContro PullToRefreshHandler RippleMouseArea

SearchBar SwipeButton

ComboBox

Dial Dialog Drag

DragHandler Flickable Flipable

Frame HandlerPoint

HoverHandler

Keys Menu MouseArea MouseEvent MultiPointHandler

Overlay PinchHandler PointHandler

Popup RadioButton SinglePointHandler

Slider Spinbox TapHandler TouchPoint

Tumble

Model/View & Lists

Manage and display data.

AppListItem AppListView JsonListModel SectionSelect SortFilterProxyModel ScrollIndicator SimpleSection SwipeOptionsContainer VisibilityRefreshHandler GridView ListModel

Multimedia

ObjectModel

XmlListModel

PathView

TableView

Display multimedia content.

Applmage AlphaVideo Icon / IconType ImagePicker Particle **PictureViewer** RoundedImage SoundEffect

YouTubeWebPlayer Camera Canvas MediaPlayer AudioOutput / VideoOutput ShaderEffect

Native Integration

Interact with the native platform from QML and integrate Qt into existing native Android & iOS apps.

NativeClass NativeObject NativeObjectUtils NativeView **NativeViewBinding** FelgoAndroid FelgoAndroidActivity FelgoAndroidFragment FelgoAndroidView FelgoIOS FelgolOSView

Styling & Theming

Control global style at runtime.

StyleSimpleRow StyleSimpleSection Theme ThemeAppButton ThemeAppCheckBox

ThemeColors

ThemeNavigationAppDrawer **ThemeNavigationBar** ThemeSimpleRow

ThemeSimpleSection ThemeSimpleSectionCompact ThemeTabControl

File Functions

Open, read, write, save, copy, remove and download files.

DownloadableResource **FileUtils**

Native Features

Access to native device widgets and features.

NFC PDF Image Provider Speech2Text Zeroconf (Bonjour) NativeUtils

> contacts displaySleepEnabled

phoneNumber preferredScreenOrientation

safeAreaInsets screenOrientation

deviceModel() displayAlertDialog()

displayAlertSheet()

displayCameraPicker() displayDatePicker()

displayImagePicker() displayMessageBox()

displayTextInput() openApp()

openUrl() sendEmail() share()

statusBarHeight() storeContacts() vibrate()

Plugins and Integrations

Ready-made native 3rd party library integrations by Felgo.

Push Notifications

Notification (local) OneSignal

Analytics and Telemetry

Amplitude Flurry GoogleAnalytics

Social

Facebook Apple Sign In

Firebase Cloud Backend

FirebaseAuth FirebaseDatabase FirebaseStorage

Ads

AdMobBanner AdMobBannerNative AdMobInterstitial AdMobRewardedVideo Chartboost

In-app Purchases, Virtual **Economy & Subscriptions** Store

Augmented Reality (AR) WikitudeArView

Beta Distribution & Crash Reporting

HockeyApp

Networking

DownloadableResource HttpImageUtils HttpRequest Promise XMLHttpRequest Element Qt neworking modules

Location and Maps

AppMap

QtLocation module QtPositioning module

QML Item Properties

Important properties of the QML Item base class.

activeFocus

anchors anchors.baseline anchors.baselineOffset anchors.bottom anchors.bottomMargin anchors.centerIn anchors.fill anchors.horizontalCenter anchors.horizontalCenterOffset

anchors.left anchors.leftMargin

anchors.margins anchors.right

anchors.rightMargin anchors.top anchors.topMargin

anchors.verticalCenter anchors.verticalCenterOffset

antialiasing baselineOffset

children clip data

enabled focus

height implicitHeight implicitWidth

objectName opacity parent

rotation scale

smooth state

states transform transformOrigin transitions

visible width

Components



Animations

AnchorAnimation Behavior ColorAnimation NumberAnimation **OpacityAnimator** ParallelAnimation Path PauseAnimation PropertyAnimation RotationAnimation RotationAnimator ScaleAnimator ScaleAnimator ScriptAction SequentialAnimation SmoothedAnimation SpringAnimation UniformAnimator

Important Modules

Vector3dAnimation

Xanimator

YAnimator

Qt3D QtCharts **QtDataVisualization** OtLocation **QtMultimedia** QtPositioning QtQml.Models QtQuick QtQuick.Controls QtQuick.Layouts QtQuick3D **QtSensors QtWebSockets** QtWebView

> Updated for Felgo 4

> > Qt6

Full Felgo and Qt API Reference, Tutorials & **Open-Source Demos** www.felgo.com/doc

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