Make Better Qt Applications. Cut Dev Time.

Felgo SDK

200+ APIs on Top of Qt

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



Qt Dev Tools

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
- Available for all Qt versions & platforms!

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

Android and iOS **Native App Integration**

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

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

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

200+ Successful **Projects**

10+

Years on Market

Automotive Medical Industrial **Finance** Government and many more.

Join our customers











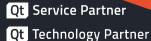






kapsch >>>









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 Development Tools

- 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 and IDE 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.

Join our customers



















"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









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

Push Notifications

Notification (local)

OneSignal

Amplitude

GoogleAnalytics

Flurry

Social

Ads

Facebook

Apple Sign In

FirebaseAuth

FirebaseDatabase

FirebaseStorage

AdMobBanner

Chartboost

Store

AdMobBannerNative

AdMobRewardedVideo

AdMobInterstitial

Plugins and Integrations

Ready-made native 3rd party

library integrations by Felgo.

Analytics and Telemetry

Firebase Cloud Backend

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 NavigationBar

NavigationBarltem NavigationBarRow NavigationItem

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

AppSlider

AppSwitch

AppTabBar

AppText

AppTextEdit

DatePicker

IconButton

InputDialog

NativeDialog

PageContro

SearchBar

SwipeButton

DragHandler

HandlerPoint

HoverHandler

MouseArea

MouseEvent

PinchHandler

PointHandler

RadioButton

MultiPointHandler

SinglePointHandler

Flickable

Flipable

Frame

Keys

Menu

Overlay

Popup

Slider

Spinbox

Tumble

TapHandler

TouchPoint

ComboBox

Dial

Dialog

Drag

AppTextField

FloatingActionButton

PullToRefreshHandler

RippleMouseArea

VisibilityRefreshHandler **AppScrollIndicator** GridView ListModel ObjectModel PathView **AppTabButton TableView** XmlListModel

Multimedia

Display multimedia content.

Model/View & Lists

Manage and display data.

AppListItem

AppListView

JsonListModel

SectionSelect

ScrollIndicator

SimpleSection

SortFilterProxyModel

SwipeOptionsContainer

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()

statusBarHeight()

storeContacts()

share()

vibrate()

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

objectName

opacity

parent

rotation

smooth

scale

state

states

visible

width

transform

transitions

Components

■ K FELGO

transformOrigin

clip data enabled

focus In-app Purchases, Virtual height **Economy & Subscriptions** implicitHeight implicitWidth

Augmented Reality (AR) WikitudeArView

Beta Distribution & Crash Reporting

HockeyApp

Networking

HttpImageUtils HttpRequest Promise XMLHttpRequest Element Qt neworking modules

DownloadableResource

Animations

AnchorAnimation

Behavior ColorAnimation NumberAnimation **OpacityAnimator** ParallelAnimation Path PauseAnimation PropertyAnimation RotationAnimation RotationAnimator ScaleAnimator ScaleAnimator ScriptAction SequentialAnimation SmoothedAnimation SpringAnimation UniformAnimator Vector3dAnimation Xanimator YAnimator

Important Modules

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

© FELGO GmbH