

<https://qtgreece.extenly.com>

The exclusive conference for all Qt enthusiasts in Greece!



Conference Guide

QtGreece @Athens 2024
Athens, 5 December 2024

Qt<GREECE>

Any participant wishing to contact the organization should consult the information below.

Contact details

Conference website: <https://qtgreece.extenly.com>

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qtgreece@extenly.com, info@extenly.com

By post to:

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Nicosia 1066, Cyprus

Emergency contacts

Department	Telephone
Police	100
Firefighters	199
Ambulance	166

For all emergencies on Conference site, call the European emergency number 112 from any phone.

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Introduction to the Conference

QtGreece is the exclusive and the first conference for all Qt enthusiasts in Greece. The event will give you insights about what's new, what's coming next and help you explore the best approach to cross-platform high quality UI application development. Managers, tech leaders, designers and developers are all invited to learn from and share with other Qt users their experiences with the framework.

1. Agenda

The final agenda of the conference.

18:00 – 18:30

Registration & coffee

Registration and welcome coffee.

18:30 – 18:45

Introduction | Alexandra Betouni, Extenly

18:45 – 19:30

Qt roadmap – from Qt 6.8 to 6.9 and more into the future | Vladimir Minenko, Qt Group

Like any product, each Qt release has various highlights. Let's have a look at a few selected highlights in Qt 6.8 and talk about ongoing works for 6.9. Many of them follow paths on which we want to evolve Qt. And even that has one ultimate goal: as always, we want you to code less and create more! Let's have a look at what is in the works and where you feel you need to write too much dump code 😊

19:30 – 20:00

Bringing IoT to Light: Connecting a Smart Lamp to AWS IoT with Qt/QML and ExpressLink | Vasileios Papageorgiou, Extenly

This presentation demonstrates a practical approach to building a connected IoT device using AWS IoT, Qt/QML, and ExpressLink. We'll explore the development of a smart lamp application that integrates color and brightness settings, custom presets, and automation features, all synced across multiple mobile clients while also supporting local control via an intuitive QML interface. Using Qt C++ for device-side logic and Qt/QML for both the Android client and device interaction, the project leverages AWS IoT's shadow device service to maintain real-time state synchronization. At the heart of this setup is the AWS IoT ExpressLink device, which manages cloud connectivity through a serial interface. We'll walk through the architecture, focusing on how signals and commands from AWS IoT are routed via an API to interact with QML-based UI components. This project demonstrates a reliable model for creating IoT-enabled applications with robust cloud connectivity, making it an ideal case study for integrating AWS IoT shadow devices with versatile Qt/QML applications that support both remote and local control.

20:00 – 20:15

Coffee break

Coffee and snacks.

20:15 – 20:30

Qt Quick is for the front end, and another language is for the back end. Which language, then? | Vladimir Minenko, Qt Group

In The Qt Company, there is the "QML Next" initiative. With this, we want to expand the use of QML as a language and Qt Quick as a UI framework beyond well-known patterns with Qt C++. Even though there are bindings for Python in Qt for Python, we want to explore which other languages can be used with Qt for backend functionality. We have ongoing work for a few languages, and we are interested in your take on this approach. Do you use different languages in one product and project? With Qt? Which languages are those? This talk will have a short presentation followed by a discussion where your feedback is in focus.

20:45 – End

Networking, snacks & drinks

2. Speakers

Alexandra Betouni



Alexandra is the CEO of Extenly. With a decade of expertise in Qt development, Alexandra began by developing award-winning Blackberry 10 OS and medical device UI apps. Since then, Alexandra has made significant contributions to the automotive sector, notably on Mercedes-Benz's MBUX and played a key role in shaping the Neptune 3 UI, recognized as the reference UI of Qt Automotive Suite. In addition, Alexandra is a certified Scrum Master and an accomplished educator, having created two online Qt courses. In her free time, she reveals a passion for music as an avid electric bass guitar player and also enjoys exercising, traveling, and socializing.

Vladimir Minenko



Vladimir began working on and with Qt in 2006 at Trolltech. Since then, he has worked at several other companies within the Qt ecosystem, taking on different roles across various industries. Today, he is a Senior Product Lead at The Qt Company, focusing on domains within Qt foundations as well as on Qt desktop platforms including iOS.

Vasileios Papageorgiou



Vasilis is a passionate software engineer with a diverse academic background and a deep dedication to Qt development. After graduating in dentistry, he pursued his true calling by earning a degree in computer science and an MSc in medical informatics. Over the past five years, Vasilis has honed his skills in Qt, working extensively with Qt/C++ and Qt/QML to create cross-platform software for both desktop and mobile devices. For the past three years, Vasilis has been contributing his expertise at Extenly, where he has been developing cutting-edge applications. His passion lies in leveraging Qt for creating efficient, user-friendly solutions, with a special focus on Linux and embedded devices. When he's not coding, Vasilis enjoys tinkering with Linux servers and embedded devices, expanding his knowledge of the open-source ecosystem and playing board games.

3. Conference Services and Facilities

3.1 Getting There

Impact Hub Athens is located in Athens and is accessible by public transport and car.

If you're coming by car, you can locate the hotel in [Karaiskaki 28, 105 54, Athens, Greece](#) address.

If you're coming by public transport, you can use M3 metro line and get off at *Monastiraki* stop. The venue is at 4min walking distance from the stop

3.2 Accommodation

Hotels nearby

Name	Telephone	Email
PAME House	+30 6986 95 7 000	office@pamehouse.com
14 Reasons Why	+30 210 32 54 918	info@14reasonswhy.gr
Athens Hub Hostel	+30 210 32 54 754	info@athenshubhostel.com

3.3 Parking

There are free parking spaces on the streets around as well as various private parking lots in the area.

4. Transportation in Athens

4.1 Public Transport

In Athens there are available bus, trolley, tram and metro. Click [here](#) for an Athens public transport map for metro, tram and train and [here](#) for general information. You can purchase tickets for all (bus, trolley, metro, tram) only from the vending machines which you'll find inside all metro stations in Athens.

4.2 Taxi

For taxi in Athens you can use [18300](#) among others, which has apps for Play Store and Apple Store available but you can also consider using [FREENOW](#) or [Uber](#) apps.