

# KDE Frameworks

– the Easy Way to make your Applications more Powerful



**What:** a modular set of libraries to be used for Qt5 applications

**Why:** an easy way for you to extend your application's functionality

**Legal:** all libraries are licensed as LGPL - 2.1+

## Our Offer

- **high quality:** all code is peer reviewed and unit tested
- **mature APIs:** using our 15 years of experience, we know the needs of applications
- **problem tailored:** libraries are problem oriented and come with small dependency list and memory footprint
- **example code:** KDE Frameworks are widely used in KDE applications, all available as open source

## for using CMake build systems

### Extra-CMake-Modules

extra set of useful CMake find modules, common task macros and toolchains



## for challenging QtWidget UIs

### KItemModels, KItemViews & KGuiAddons

many ready-to-use proxymodels, convenience to easily add breadcrumbs, and other rich new features to your widget based interfaces

## for basic tasks

### KArchive

built-in compression negotiation, handling zip, tar, ar, and 7zip containers, and providing QIODevice for gzip, bzip2, and xz containers

### Threadweaver

provides help with multi-threaded programming, using job-based interface to queue tasks and execute them efficiently

### Solid

hardware detection of storage devices, CPU, battery status, power, network status and interfaces

### KConfig

store and retrieve application configurations with enterprise features

## for powerful localization

### KI18n

internationalizing user interface texts, based on the GNU Gettext translation system with features like argument capturing, customizable markup, and translation scripting

## for handling PIM data

### KHolidays

details on public holidays for a given country and date range

### KContacts (December 2015)

handling VCARDS

### KMIME (December 2015)

handling SMTP/MIME formatted emails

Try KDE Frameworks, a rich set of Drop-in Qt Addon Libraries that have been used to create a wide variety of applications and even a full desktop environment.