

KDE Development Tools

– for making Coding even More Fun

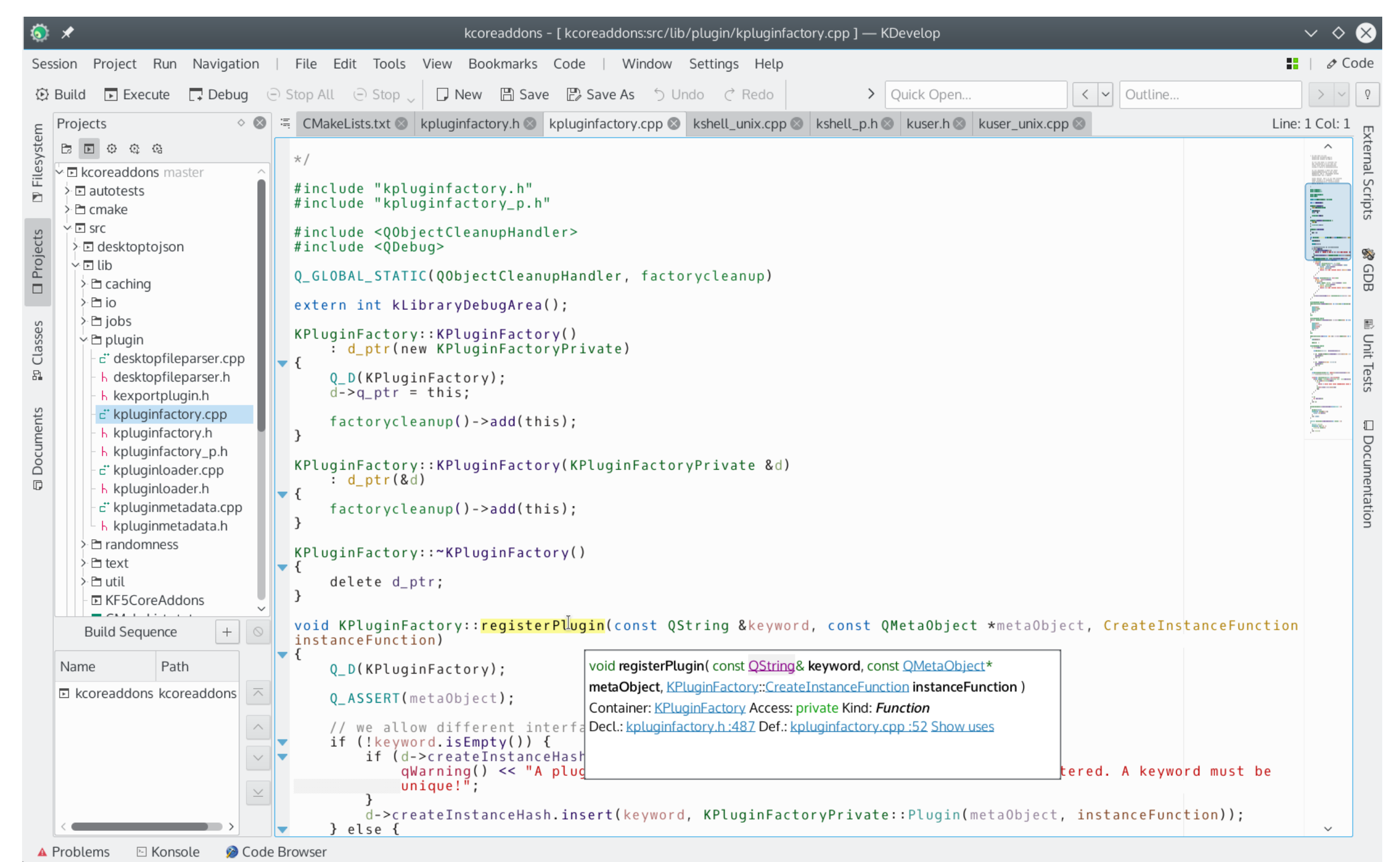


Develop: ever missed an IDE that really understands your code?
Identify Issues: ever disliked how hard Valgrind data is to read?
Find Bottlenecks: ever wondered where your memory went?

KDevelop

Features

- build-system support:
 - CMake
 - QMake
 - any: from Makefile to build.sh
- advanced tools integration:
 - GDB
 - Valgrind
 - Git, Bazaar, SVN
- first class language support:
 - C++, QML, JS, PHP, ...
- powerful editing

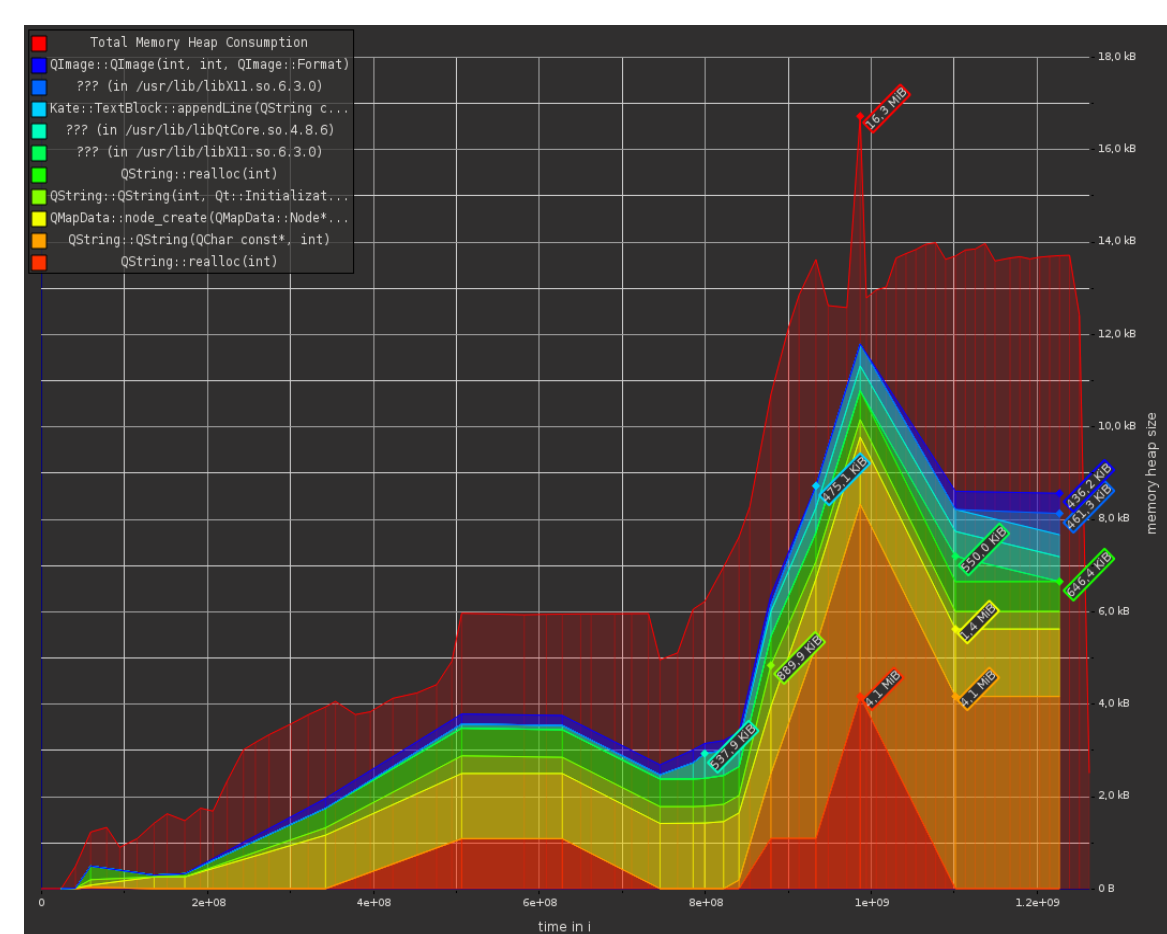


helps you get the job done while staying out of your way

Visualizers for Valgrind Data

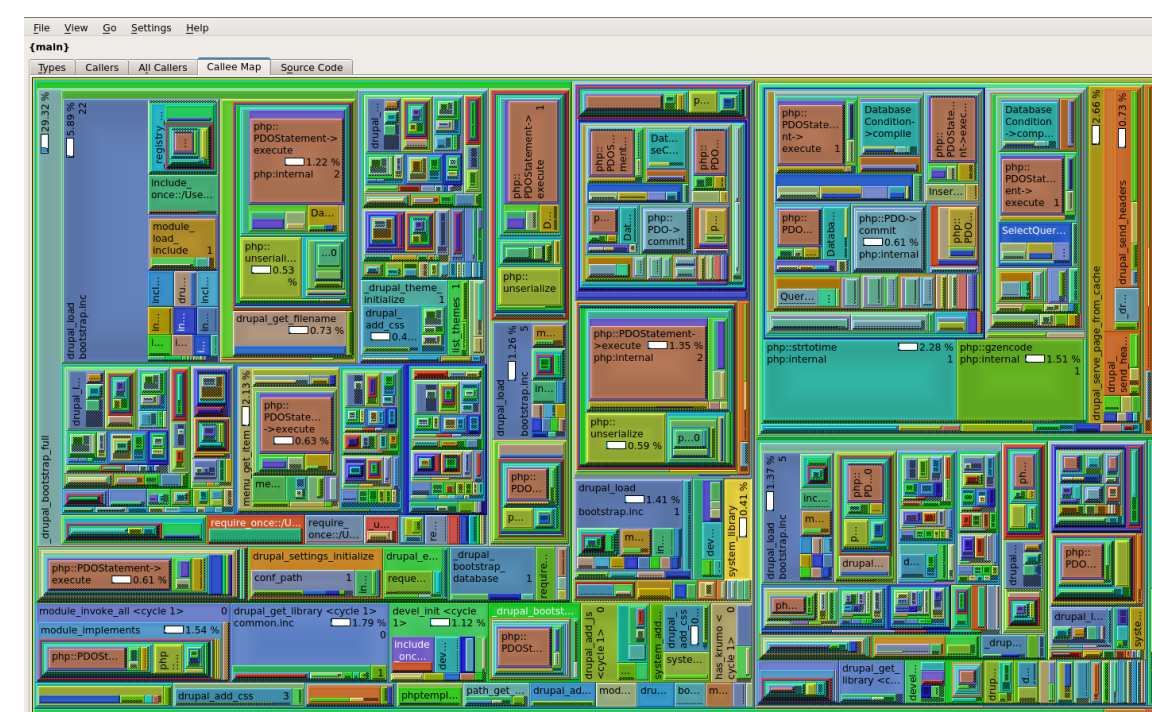
Massif Visualizer

- Massif = heap profiler from Valgrind suite
- Visualizer = directly tells you where your heap grows



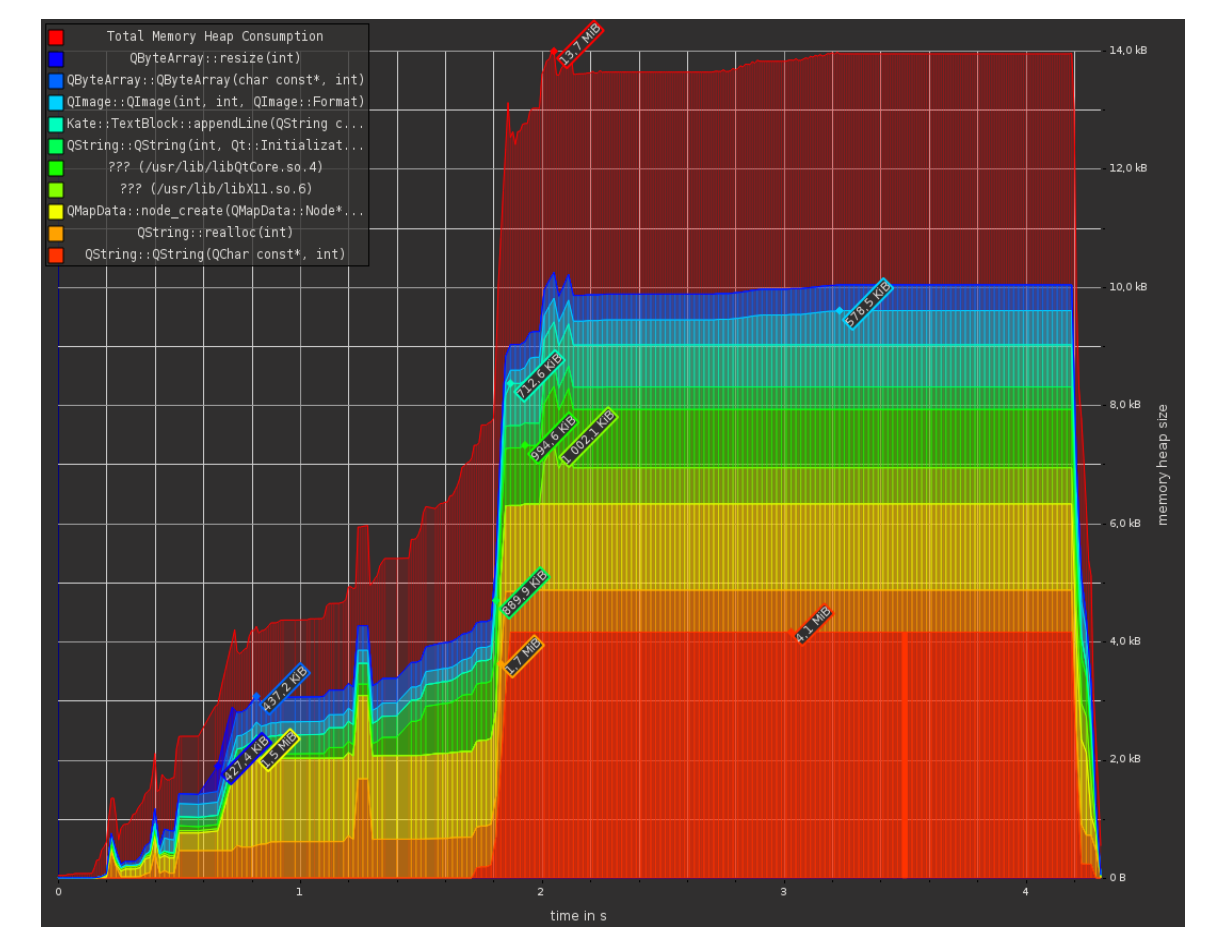
KCacheGrind

- visualize call tree of program, tells you where time is spent
- visualize how your program utilizes machine cache



Heaptrack

- heap profiler
- very fast alternative to Massif
- better for handling big data dumps
- easier to use



and a lot more ...

KDE has even more tools to offer:

- scripts for Qt4 to Qt5 porting
- patch merge tools (e.g. for 3-way merges) and KDE is playground for new tools
- ELF-Dissector: inspect and optimize ELF files

KDE developers love to create fast and robust software. And they love tools to make that easier.