

# Scons and bksys for kfile\_chemical



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Not so long ago, it was [decided](#) that KDE 4.0 will use [SCons](#) as a configuration and building tool, instead of the autotools and make: the common `./configure && make && make install` which has served the open source community very well for so long.

SCons is [different](#) in several ways. One of these is that the tar.gz packages it produces are some 500kB smaller, which makes a huge difference for [kfile\\_chemical](#) which is now 121kB instead of 635kB.

Now, the [KDE](#) community, or Thomas Nagy to be precise, developed a helper for KDE software, called [bksys](#). Version 1.5.1, however, did not contain an example directory for kfile plugins, but I managed to work something out starting from the configuring scripts from [kdissert](#), and ended up with these [SConstruct](#) and [config.bks](#).

Now, I haven't figured out how to include the translations, but will figure that out sooner or later... for now, I'm quite happy with the new build system.