

jGridstart

dependency diagram
branch multica

nov 2012

prepare for running jGridstart from a web browser

to use bouncycastle with java web start, the best approach is to run a wrapper that unpacks them and runs them outside of java web start.

all jGridstart's dependencies are packed into a single jar, and unused code is removed; this considerably reduces the total file size; only bouncycastle needs to remain a separate jar.

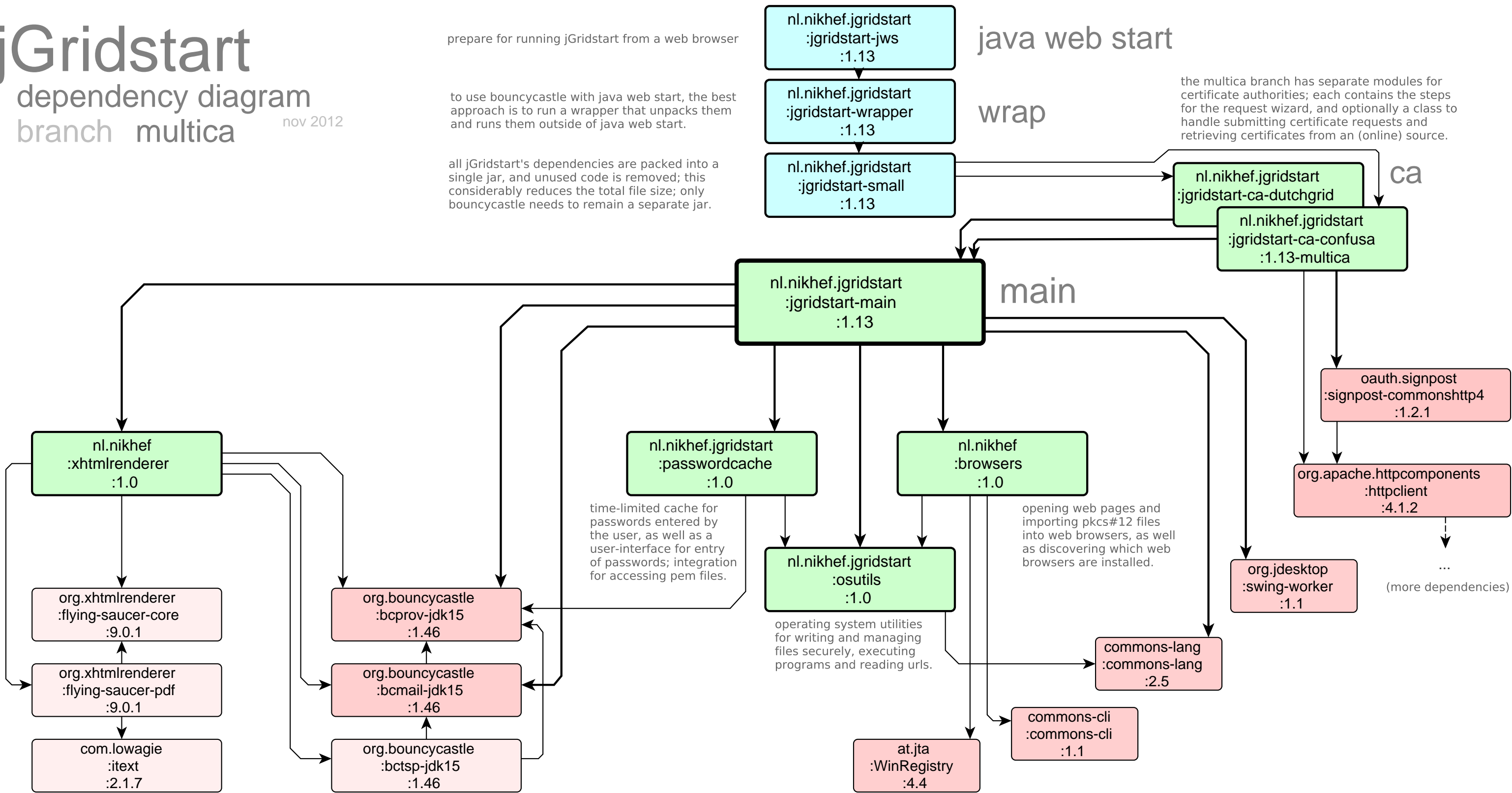
java web start

wrap

the multica branch has separate modules for certificate authorities; each contains the steps for the request wizard, and optionally a class to handle submitting certificate requests and retrieving certificates from an (online) source.

ca

main



xhtmlrenderer

xhtml renderer and gui widget to handle parts of the user-interface. nl.nikhef.xhtmlrenderer adds a templating system and some tweaks; Iso supports rendering to pdf.

bouncycastle

general-purpose cryptography library used for basically all cryptographic operations like generating certificate requests, reading/writing pkcs#12 files and signing certificate renewals.

registry

accessing the windows registry using a pure-java library; used for finding the default system web browser.

commons

often used utility libraries for parsing command-line options and things like array conversion.

worker

using a worker-thread with a swing gui that responds to updates.

http

the confusa ca requires a user to login via oauth; this is taken care of by oauth signpost and the apache http components