jGridstart dependency diagram

nl.nikhef.jgridstart java web start :jgridstart-jws prepare for running jGridstart from a web browser :1.13 the multica branch has separate modules for nl.nikhef.jgridstart certificate authorities; each contains the steps to use bouncycastle with java web start, the best for the request wizard, and optionally a class to approach is to run a wrapper that unpacks them wrap :jgridstart-wrapper branch multica handle submitting certificate requests and and runs them outside of java web start. :1.13 retrieving certificates from an (online) source. all jGridstart's dependencies are packed into a nl.nikhef.jgridstart ca nl.nikhef.jgridstart single jar, and unused code is removed; this :jgridstart-small considerably reduces the total file size; only :jgridstart-ca-dutchgrid :1.13 bouncycastle needs to remain a separate jar. nl.nikhef.jgridstart :jgridstart-ca-confusa :1.13-multica nl.nikhef.jgridstart main :jgridstart-main :1.13 oauth.signpost :signpost-commonshttp4 :1.2.1 nl.nikhef.jgridstart nl.nikhef nl.nikhef :xhtmlrenderer :passwordcache :browsers org.apache.httpcomponents :1.0 :1.0 :1.0 :httpclient time-limited cache for opening web pages and :4.1.2 passwords entered by importing pkcs#12 files the user, as well as a into web browsers, as well user-interface for entry as discovering which web nl.nikhef.jgridstart of passwords; integration browsers are installed. org.jdesktop for accessing pem files. :osutils :swing-worker (more dependencies) org.xhtmlrenderer org.bouncycastle :1.0 :1.1 :flying-saucer-core :bcprov-jdk15 operating system utilities :1.46 :9.0.1 for writing and managing commons-lang files securely, executing :commons-lang programs and reading urls. org.xhtmlrenderer org.bouncycastle :2.5 :flying-saucer-pdf :bcmail-jdk15 :9.0.1 :1.46 commons-cli :commons-cli com.lowagie org.bouncycastle at.jta :1.1 :bctsp-jdk15 :itext :WinRegistry :2.1.7 :1.46 :4.4

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.

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