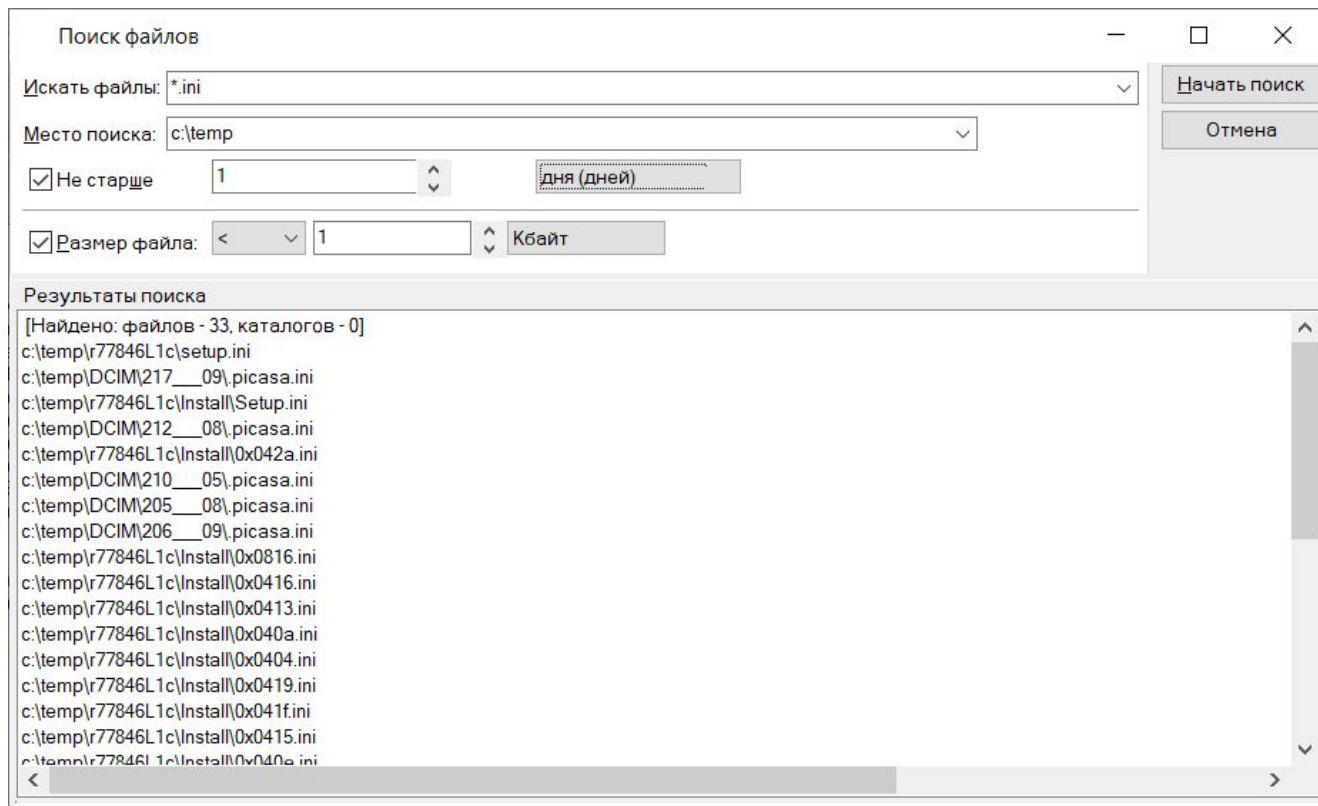


Assignment 3

Create subdir project with two projects:

- widget application
 - load search pluigin
 - choose target directory
 - enter file extensions, size (Kbytes, no larger than) and age (days, no older than)
 - display search result (list of all files) received from plugin
- plugin library
 - develop interface to interact with application
 - search files using multi threaded filter-map pattern (QT Concurrent)

Assignment 3



Assignment 3 checklist

- Subdir project with application and plugin
- App's GUI: user can select directory
- App's GUI: user can define filters to file search
- App's GUI: user can see list of appropriate files after finishing search
- Application can fund and load plugin with suitable interface
- Plugin contains interface class shared with application
- Plugin perform multithreading search using QCuncurent filter-map concept
- User can cancel search at any time
- If user cancel search app must display list of filtered files found so far

each bullet cost 2 points (meaning each unrealized bullet decreases max exercise credit of 25 by 2 points)