**Materials Data Curation System:**

**Setup instructions for Windows**

Please follow these instructions to setup the MDCS on Windows. This will deploy a test server that you will be able to use to test the different MDCS features. The automatic installer is not meant to deploy production systems.

The last steps contain crucial instructions on database initialization and migration.

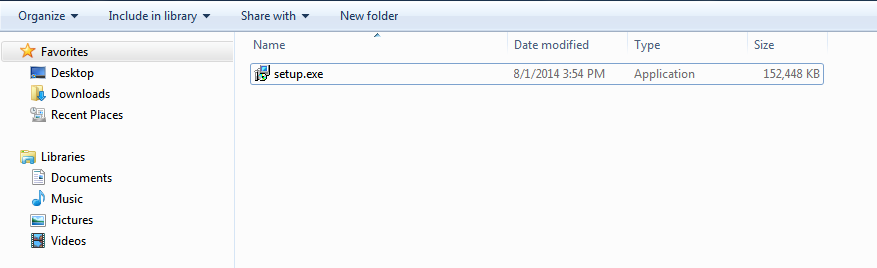
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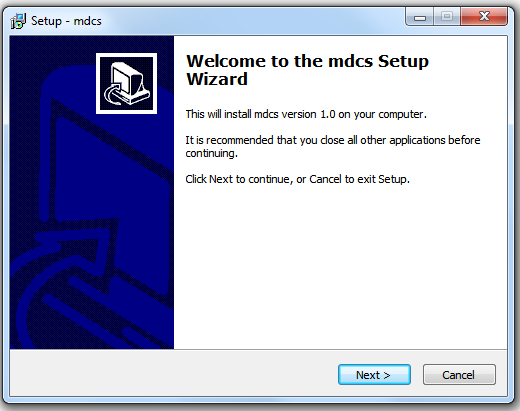
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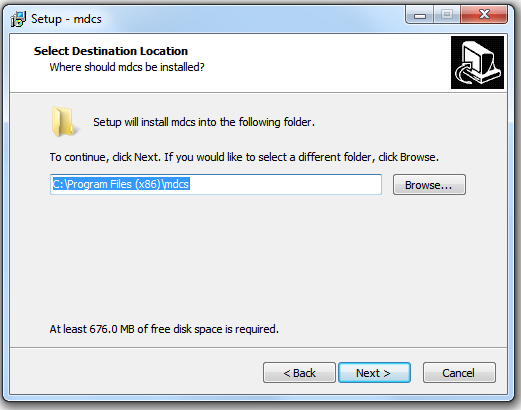
# Installation Instructions

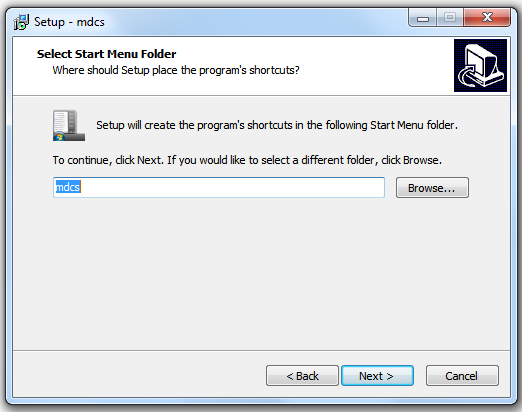
1. **BACKUP YOUR DATA: Please make a copy of any existing data/db folder and db.sqlite file of the destination folder.**
2. **DOWNLOAD AND INSTALL MongoDB 3.x from** [**https://www.mongodb.org/downloads**](https://www.mongodb.org/downloads)
3. Double-click on the automatic installer.



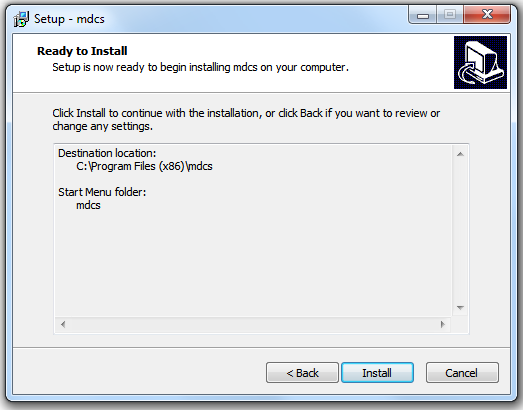
1. A pop-up asking for administrator access may appear. Allow the program to run on your computer by typing your username and password and click on ‘Yes’, or simply by clicking on ‘Allow’.
2. **Use the setup assistant to install the program. Go to the next step using the ‘Next’ button.** **If installed into ‘Program Files’, the program will have to be run with admin permissions (right click on the ‘mdcs’ shortcut and click on ‘run as an administrator’).**



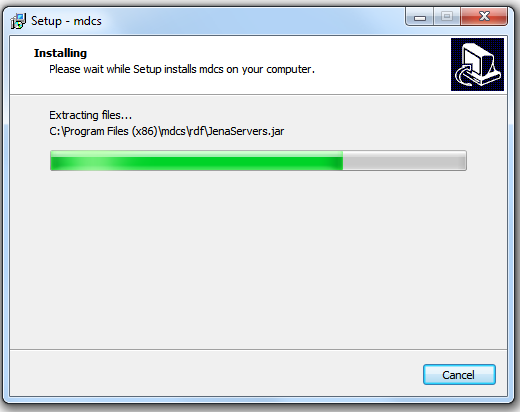




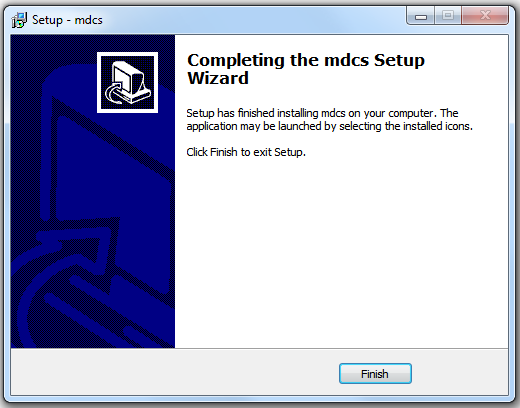
1. Then click on the ‘Install’ button to start the installation.



1. Wait for the installation process to finish.



1. Click on Finish to close the setup assistant.



1. The program is now well installed on the computer and a shortcut is created on the desktop.



1. Once the MDCS is installed you need to setup the databases:
   1. **First installation:** The first time you run the MDCS, the databases will be initialized. It will also ask you to **create an admin user for the MDCS**. You will then be able to access the MDCS with the login and password you have created.
   2. **Version update:** Open the bin folder inside the installation folder and double click on the script called **1\_3\_to\_1\_4.bat**. This will update the databases necessary to run the new version of the MDCS. Please read all the instructions carefully to avoid any loss of data. **At the end of the script execution, please type Ctrl+C in any console left open and then close it. Once the databases have been updated, do not run the migration script again or it may compromise the data.**
2. Now that the system has been installed and setup, you can start using it by clicking the MDCS icon added to the Desktop.
3. You can stop the MDCS by typing Ctrl+C in the consoles opened by the MDCS, and then by closing them.

# Known issues

**MongoDB lock**

If MongoDB is not closed properly it may result in a not empty lock file. If no instance of MongoDB is currently running but the size of the file data\db\mongod.lock is not 0KB, this could mean that MongoDB was not closed properly. You can just delete the file data\db\mongod.lock and retry.

**Links/Buttons not working after update:**

In the case of an update, the MDCS links and buttons may not work as expected. It may mean that the cache needs to be emptied. In most browsers you can clear the cache of the current page by pressing Ctrl+F5. This will reload the page and empty the cache.