# Downloading and Running AgeCalcML without MATLAB



## A step-by step guide from the Arizona LaserChron Center

Step 1. Download *AgeCalcML* latest release from GitHub at and select the latest: <u>github.com/kurtsundell/AgeCalcML/releases</u>

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Search or jump to 7 Pull requests Issues Marketplace Explore	Q +• 💁
₽ kurtsundell / AgeCalcML	ⓒ Unwatch + 1 ☆ Star 2 ♥ Fork 1
↔ Code 🕜 Issues 🏦 Pull requests 📀 Actions 🔄 Projects 🛄 Wiki 🕜 Security 🗠 Insights 🛞 Settings	
Releases Tags	Draft a new release
Latest release AgeCalcML-1.42 -> 3ealbet Compare •	Edit
AgeCalcML-1.42.app.zip     AgeCalcML-1.42.exe     AgeCalcML-1.42.exe     AgeCalcML-1.42_Example Provide Materials.zip	40.8 MB 286 MB 12.4 MB
Source code (tar.gz)     Source code (tar.gz)	

Select .app.zip for macOS or .exe for Windows

Step 2. Save and unzip the file and put it somewhere on your computer

Save As: AgeCalcML-1.42.app.zip	
Tags:	
Where: 🛅 Desktop ᅌ	
Format: Zip archive	
Cance Save	

The program will fail if you try to run it in compressed (.zip) format and will often encounter problems if run in your Downloads directory. The program can live anywhere else on your machine. The Desktop or Documents are good places for it. Step 3. Move the application to your Desktop. It will be a single Desktop icon. This doesn't have to be located on your Desktop, it can live anywhere on your computer.

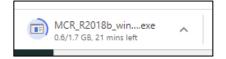


#### Step 4. Install the free MATLAB Runtime which can be found here: https://www.mathworks.com/products/compiler/matlab-runtime.html

For version 1.4x and earlier download R2018b (9.5) 64-bit for Windows or Intel 64-bit for Mac. Version 1.5x will be compiled in R2020a (9.8).

MathWorks® Produ	acts Solutions Academia Supp	ort Community Events	
MATLAB Compiler		s	earch MathWorks.com
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MATLAB Runtime			
Run compiled MATLAB application	ons or components without installin	g MATLAB	
	TLAB Compiler, and the MATLAB R	les the execution of compiled MATL untime enable you to create and dis	
To download and install the MATLA	B Runtime:		
1. Click the version and platform in MATLAB Runtime is tied to the		o the application or component you	are using. The version of the
Note: You can find this informat	ion in the readme.txt file that accon	npanies the application or componer	nt.
2. Save the MATLAB Runtime inst	taller file on the computer on which	you plan to run the application or co	mponent.
3. Double click the installer and fo	llow the instructions in the installation	n wizard.	
See the MATLAB Runtime Installer	documentation for more information	1.	
Release (MATLAB Runtime Version#)	Windows	Linux	Mac
R2020a (9.8)	64-bit	64-bit	Intel 64-bit
R2019b (9.7)	64-bit	64-bit	Intel 64-bit
R2019a (9.6)	64-bit	64-bit	Intel 64-bit
R2018b (9.5)	64-bit	64-bit	Intel 64-bit
R2018a (9.4)	04-DI	64-bit	Inter 04-Dit
R2017b (9.3)	64-bit	64-bit	Intel 64-bit

This file is large, so it may take a while. Once complete, move the installer to your desktop.



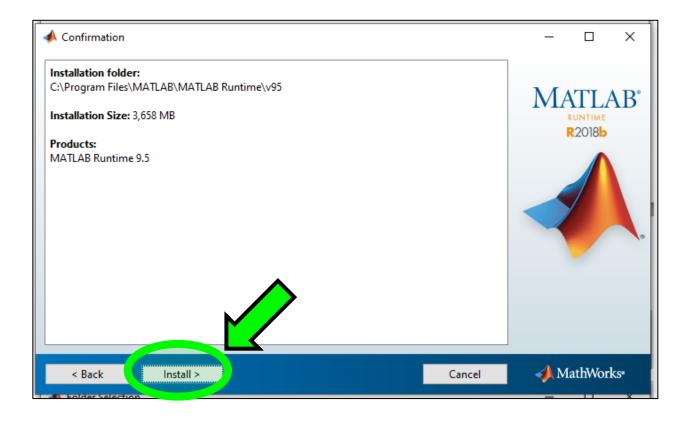
**Step 5.** Move the installer to your Desktop. Open and follow all default settings. (You can delete the installer afterward)



MATLAB Runtime Installer	<u>-</u>		×
This application will install MATLAB Runtime.			
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		RONTIME R2018b	
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WARNING: This program is protected by the second and international treaties. Copyright 1984-2018, The MathWorks, Inc. Protected S. and other patents. See MathWorks.com/patents			
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	MATLAB RUNTIME LICENSE			
	IMPORTANT NOTICE BY CLICKING THE "YES" BUTTON BELOW, YOU ACCEPT THE TERMS OF THIS LICENSE. IF YOU ARE NOT SO, SELECT THE "NO" BUTTON AND THE INSTALLATION WILL BE ABORTED.	WILLING	TO DO	
	1. LICENSE GRANT. Subject to the restrictions below, The MathWorks, Inc. ("MathWorks") hereby grants you are an individual or an entity, a license to install and use the MATLAB Runtime ("Runtime"), solely a the purpose of running software created with the MATLAB Compiler (the "Application Software"), and f purpose. This license is personal, nonexclusive, and nontransferable.	nd expre	essly for	
	2. LICENSE RESTRICTIONS. You shall not modify or adapt the Runtime for the son. You shall not disa decompile, or reverse engineer the Runtime. You shall not alter or remaining proprietary or other legal composition of the Runtime. Unless used to run Application Software, you have not rent, lease, or loan the Runtime the provide service bureau use, or use the Runtime for successing any other party's use of the	l notices ntime, tir	on or in me share	<
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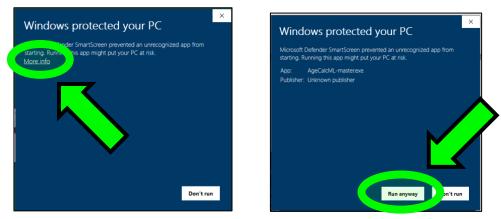
Once the install is complete nothing will happen. *AgeCalcML* will automatically access the Runtime. Don't forget to delete the installer.

Installation Complete	2-2		×
Installation is complete.			
		ATL	AB*
		RUNTIME R2018b	
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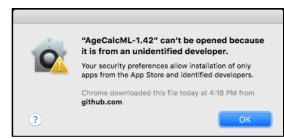
Step 6. Double click to open. Only do this once! The first time opening may take a few minutes.



Upon opening you may see a warning message. On Windows select more info and Run anyway.



#### On Mac you might see an error like this:



### Right click the icon and select open



#### And voila! AgeCalcML without MATLAB!

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	ARIZONA LASERCH Department of Geosciences University of Arizona		
Nu I	Plasma	Element 2	
	U-Th-Pb Isotope Analysis	U-Th-Pb & T/REE	
	U-Th-Pb Time Resolved	-Analysis Tools	
	Lu-Hf Isotope Analysis	U-Pb Concordia	
		Stacked Concordias	
Acqu	uisition Tools		
	Scanlist Nu	Age Distribution	
	Scanlist Nu (large-n igneous)	Stacked Distributions	
	Scanlist E2		
	Zircon Spot Finder	Weighted Mean	