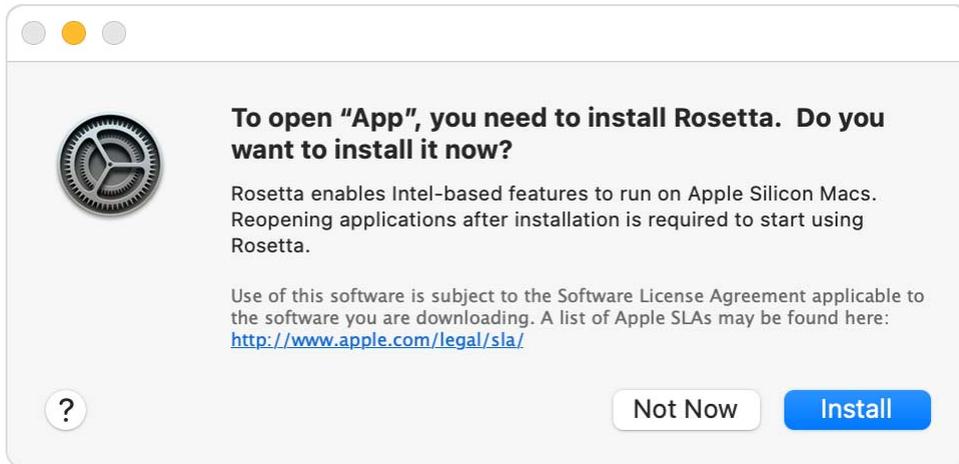
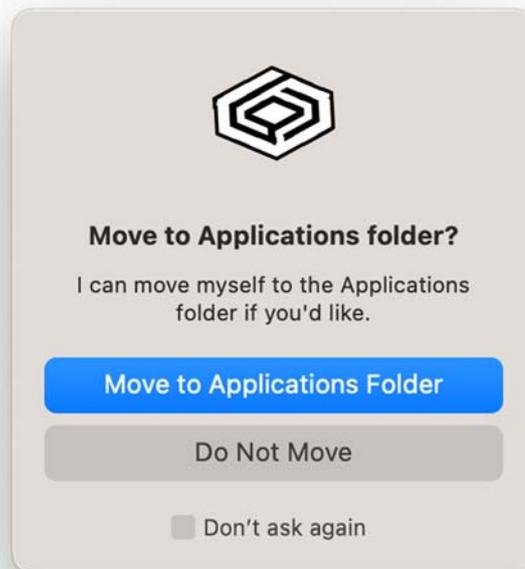


Installing Gempack with CrossOver in MacOS Ventura on MacBook M2

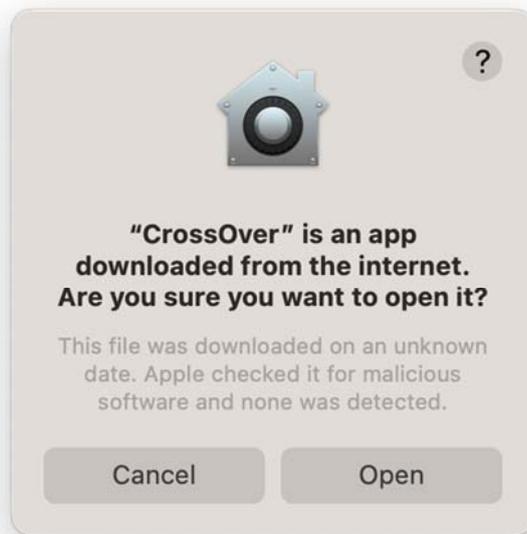
- Download CrossOver from <https://www.codeweavers.com/crossover>
- Installing Crossover requires Rosetta software to be installed on the computer and if Rosetta is not installed, running CrossOver installer will prompt user to install it:



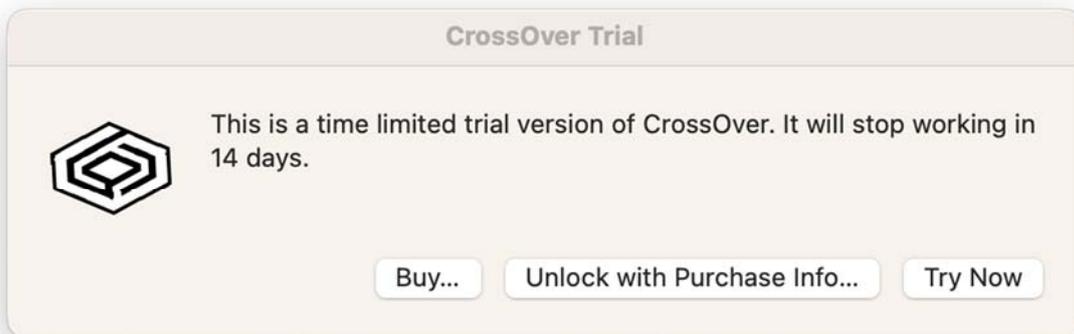
- Run CrossOver installer:



- Select "Move to Applications Folder"
- Select "Open" when message "CrossOver" is an app downloaded from the internet. Are you sure you want to open it?' is shown:



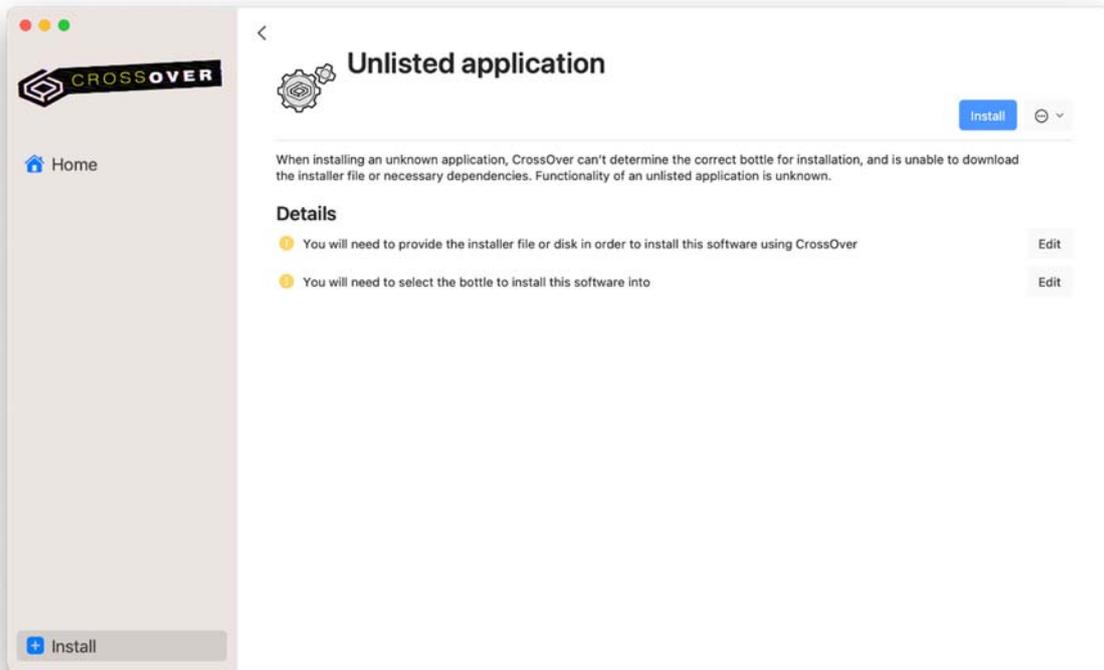
- CrossOver will install and start showing `CorssOver Trial`. Select "Try Now" which will start the trial that will last 14 days. After 14 days you will need to buy the CrossOver licence to unlock the full version.



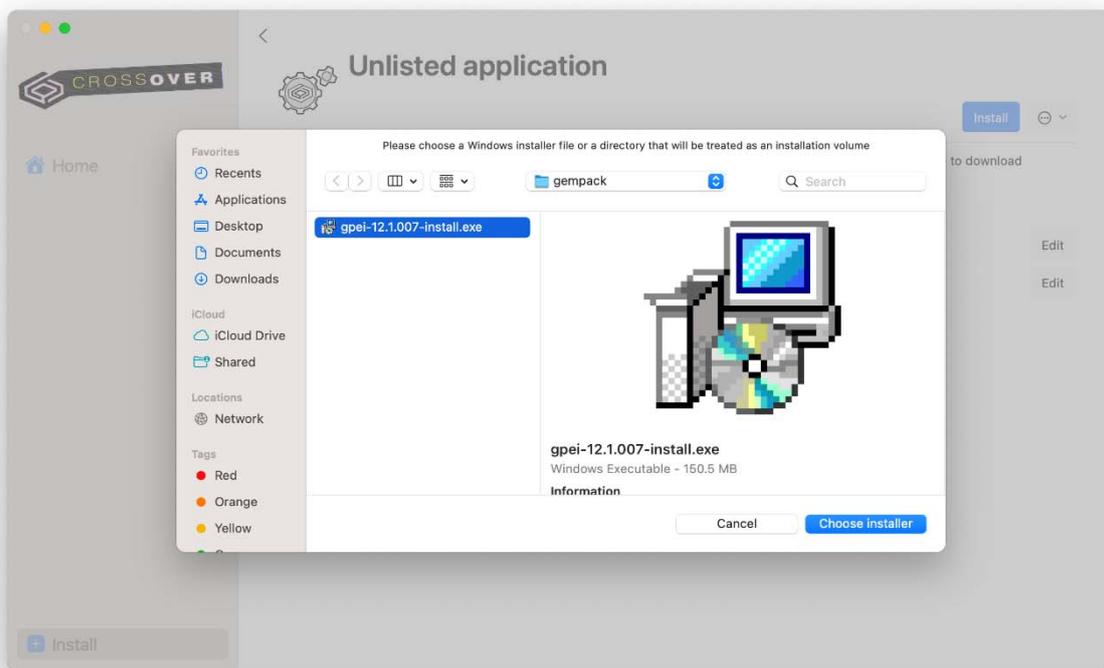
- CrossOver main windows allows installing Windows applications from CrossOver provided selection of application or from user provided application installers. Select `Install an unlisted application`:



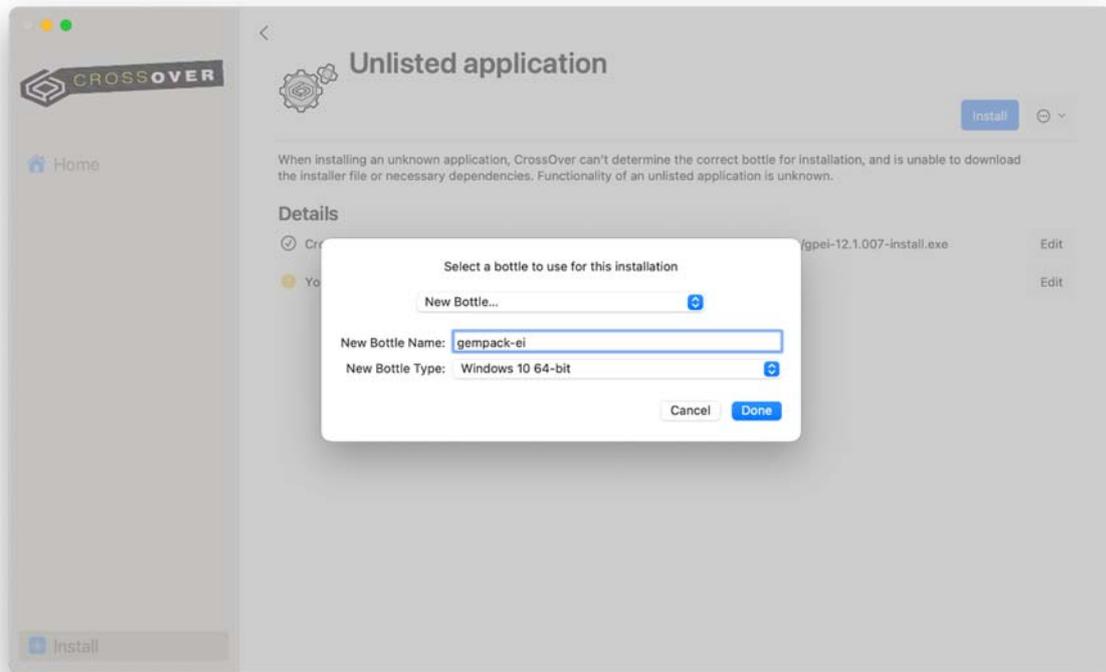
- `Unlisted application` will be shown:



- On `Unlisted application` selection screen click on “Edit” button next to `You will need to provide the installer file...` and select Gempack installer executable (eg. Gpei-12.1.007-install.exe) and click “Choose Installer” button.



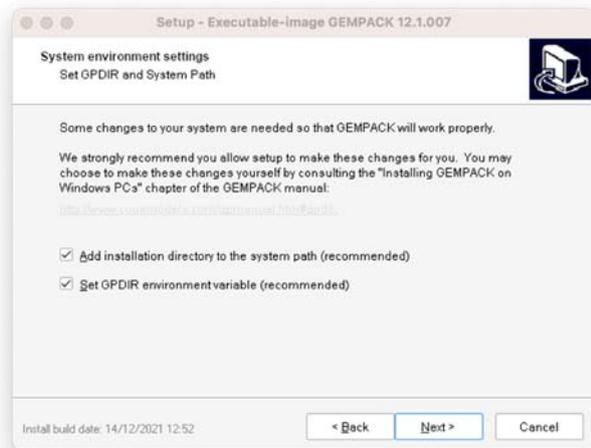
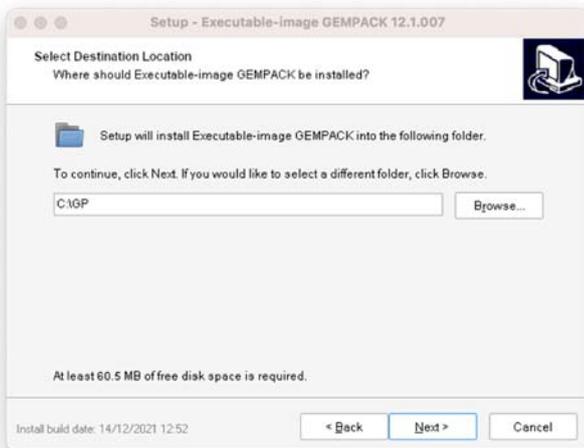
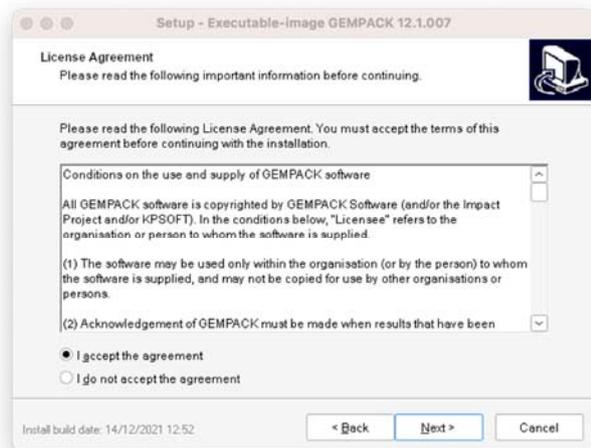
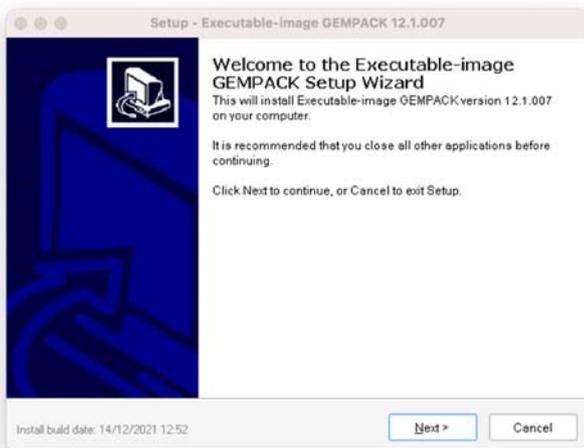
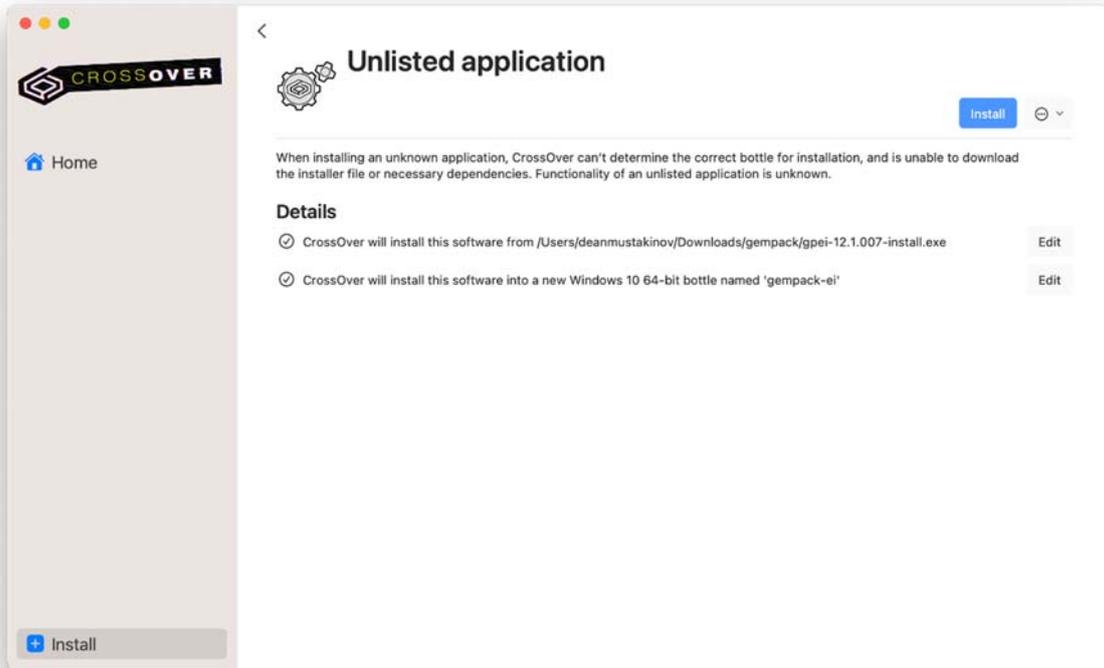
- On the same `Unlisted application` selection screen click on “Edit” button next to `You will need to select the bottle...` and enter New Bottle Name (eg. gempack) and click “Done” button.

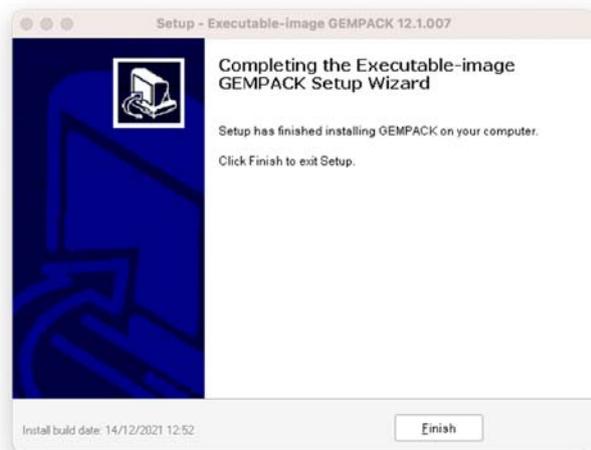
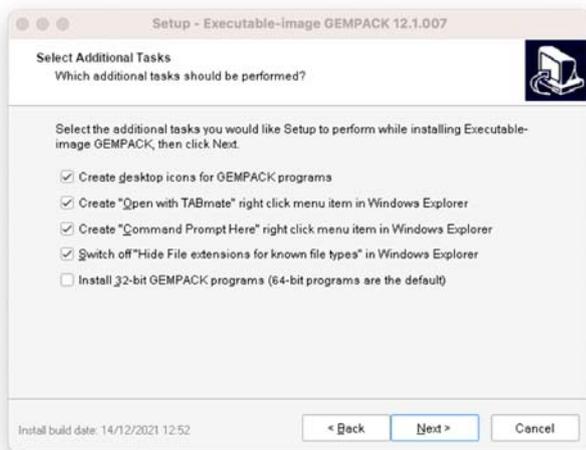
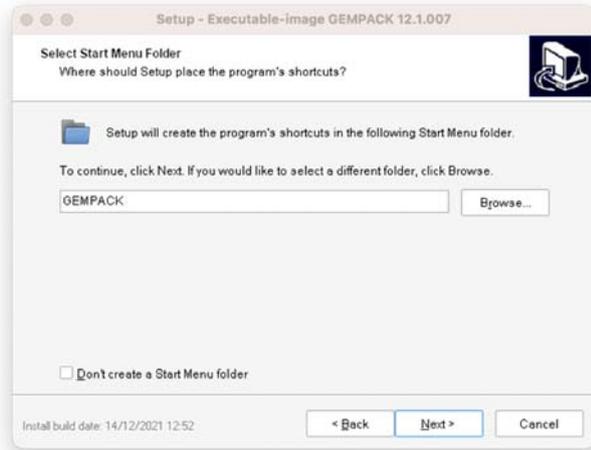
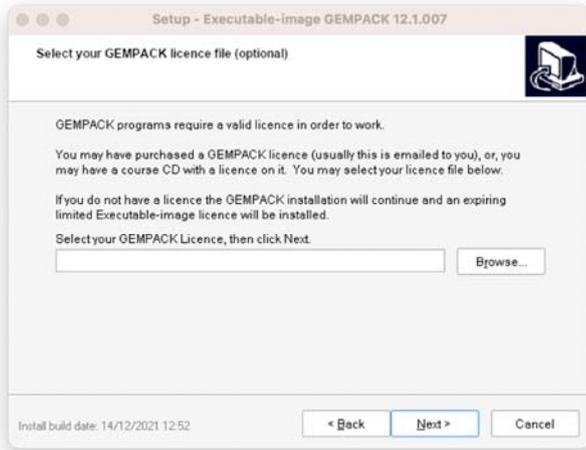


- If prompted `“CrossOver” would like to access files in your Downloads folder` select “OK” button.

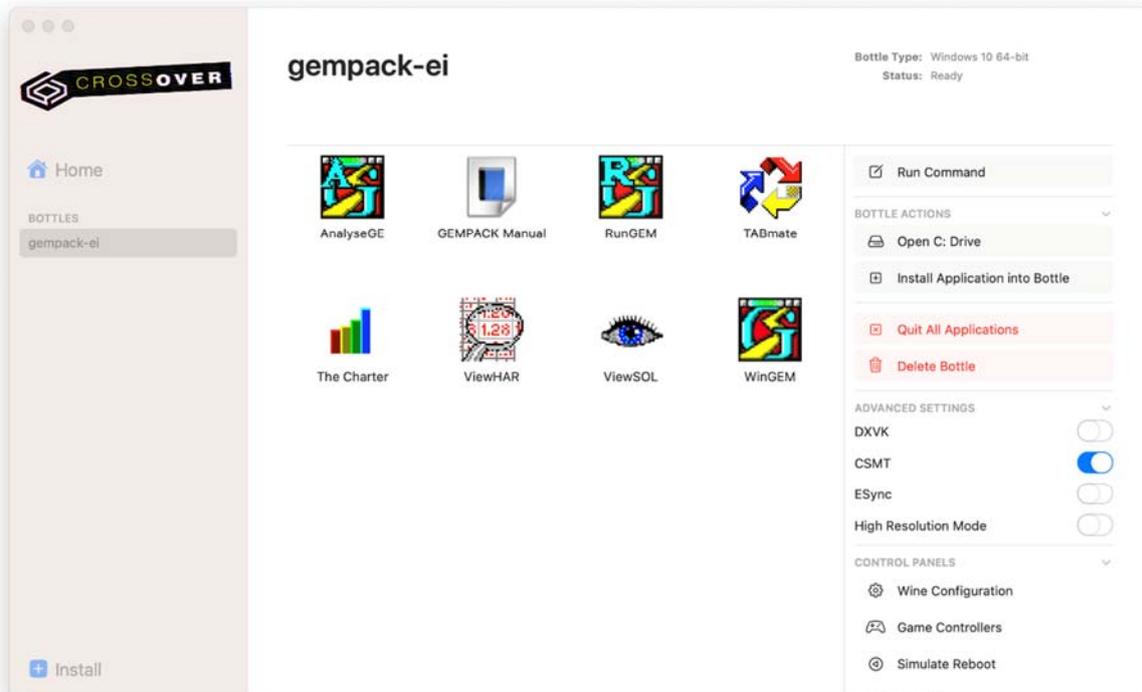


- Once installer and bottle have been selected, click on “Install” button to start Gempack installation and proceed with all the default options:





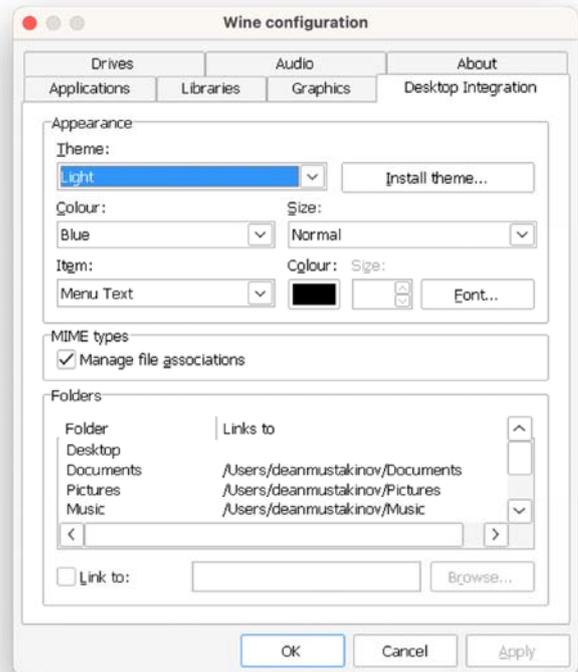
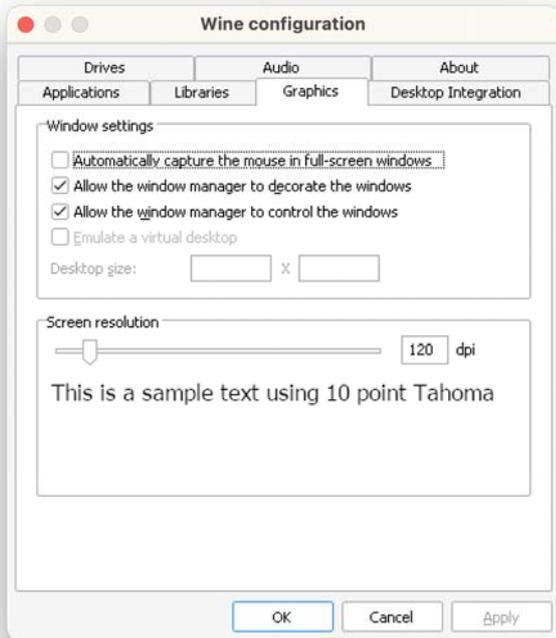
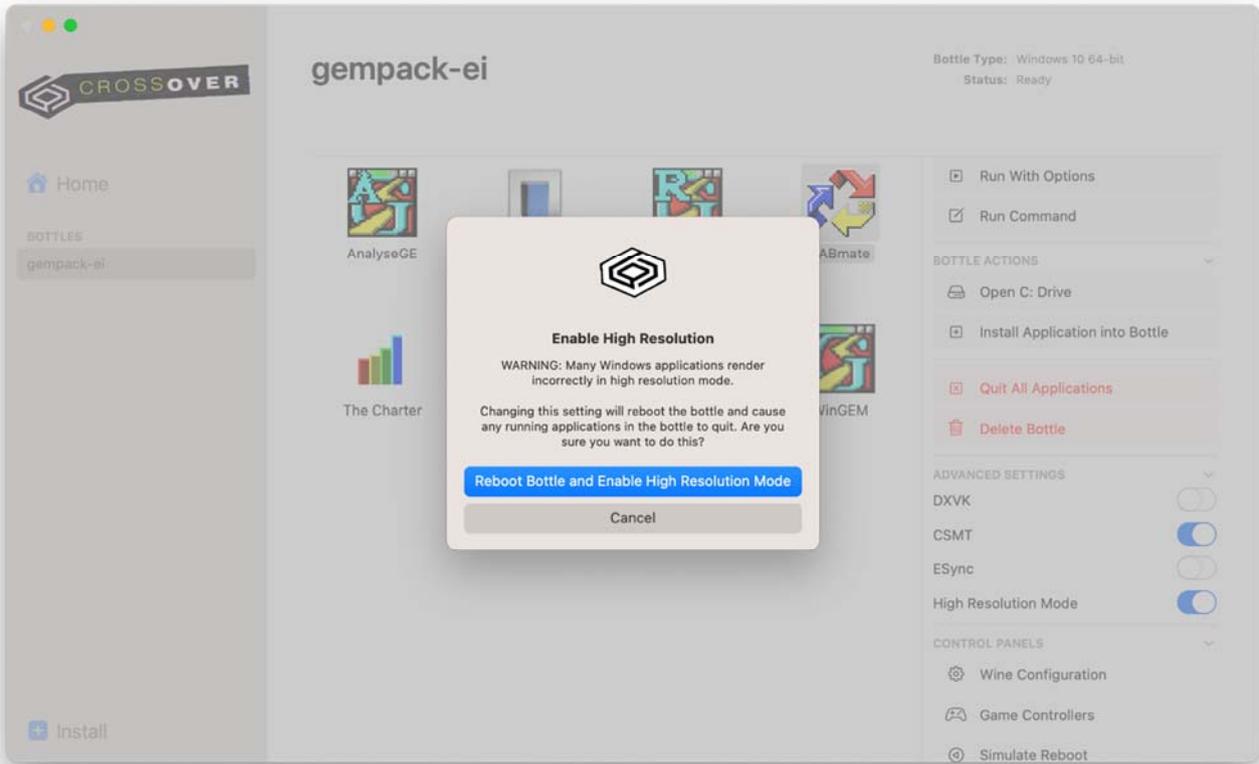
- Once Gempack install is complete, CrossOver will display applications available inside the bottle and you can run Gempack applications by double clicking on the desired application icon.



- When running Gempack applications, a prompt to allow access to “Documents” folder might appear. Access should be allowed in order to allow accessing documents with Gempack applications.



- If text or icons in Gempack applications appear too small you can adjust the appearance using “Wine Configuration” in CrossOver gempack bottle and enable High Resolution Mode. If you experience issues with window resizing and mouse being “stuck”, disable High Resolution Mode.



- Gempack applications running from CrossOver inside MacOS on M2 MacBook:

aggexm.har in C:\GP

File Contents Export History Search Programs Help

	Header	Type	Dimension	Coeff	Total	Name
1	0TAR	RE	COM	V0TAR	2797	Tariff Revenue
2	1ARM	RE	COM	SIGMA1	63.5	Intermediate Armington
3	1BAS	RE	COM*SRC*IND	V1BAS	188658	Intermediate Basic
4	1CAP	RE	IND	V1CAP	64714	Capital
5	1LAB	RE	IND*OCC	V1LAB	147866	Labour
6	1LND	RE	IND	V1LND	3329	Land
7	1MAR	RE	COM*SRC*IND*MAR	V1MAR	20277	Intermediate Margins
8	1OCT	RE	IND	V1OCT	27072	Other Costs
9	1TAX	RE	COM*SRC*IND	V1TAX	7084	Intermediate Tax
10	2ARM	RE	COM	SIGMA2	25.7	Investment Armington
11	2BAS	RE	COM*SRC*IND	V2BAS	55800	Investment Basic
12	2MAR	RE	COM*SRC*IND*MAR	V2MAR	4300	Investment Margins
13	2TAX	RE	COM*SRC*IND	V2TAX	738	Investment Tax
14	3ARM	RE	COM	SIGMA3	25.7	Households Armington
15	3BAS	RE	COM*SRC	V3BAS	119247	Households Basic
16	3MAR	RE	COM*SRC*MAR	V3MAR	27666	Households Margins

Double-Click on an item to view it (or arrow keys + space bar)

ViewSQL - c:\gp\examples\5ssim.SL4

File... Contents Edit Format... Export... Time Series... Description Search Programs Help...

Everything 1 5ssim

Variable	Size	No.	Name
beta	ALLTIME	1	earnings per unit of capital for A
c	ALLTIME	1	private consumption
d_a	ALLTIME	1	dividends paid by industry A
d_b	ALLTIME	1	dividends paid by industry B
dtd	ALLTIME	1	CHANGE in dividend tax
dtde	ALLTIME	1	actual expectation, CHANGE in dividend tax rate
dtdx	ALLTIME	1	exogenous expectation, CHANGE in dividend tax rate
dts	ALLTIME	1	CHANGE in investment subsidy
dtse	ALLTIME	1	actual expectation, CHANGE in investment subsidy
dtsg	GOODS*ALLTIME	1	CHANGE in sales tax on goods
dtsx	ALLTIME	1	exogenous expectation, CHANGE in investment subsidy
dtw	ALLTIME	1	CHANGE in tax on wages
g	ALLTIME	1	government spending
gamma	NISEC*ALLTIME	1	technical change
INV_a	ALLTIME	1	investment by industry A
INV_b	ALLTIME	1	investment by industry B

Double-Click on an item to view it (or arrow keys + space bar)

via WinGEM: whole simulation

Figures	Count
0	0
1	0
2	0
3	0
4	0
5	0
6	394

Variables / Data

Variables accuracy: 10 Data accuracy: 10

OK Help

Command File: **Select** **Edit** **Run**

C:\GP\examples\5SSIM.CMF

Log file: **C:\GP\examples\5SSIM.log** **View Log file**

Accuracy ? **View Input/Output Files**

Solution file: **C:\GP\examples\5SSIM.sl4**

Go to ViewSQL **Go to AnalyseGE**

TABmate - C:\GP\examples\5SSECT.TAB

File Edit Search Tools Options Programs Help

Open Save Reload Print Cut Copy Paste Undo Check Next Warn Gloss See Log STI Code CMF

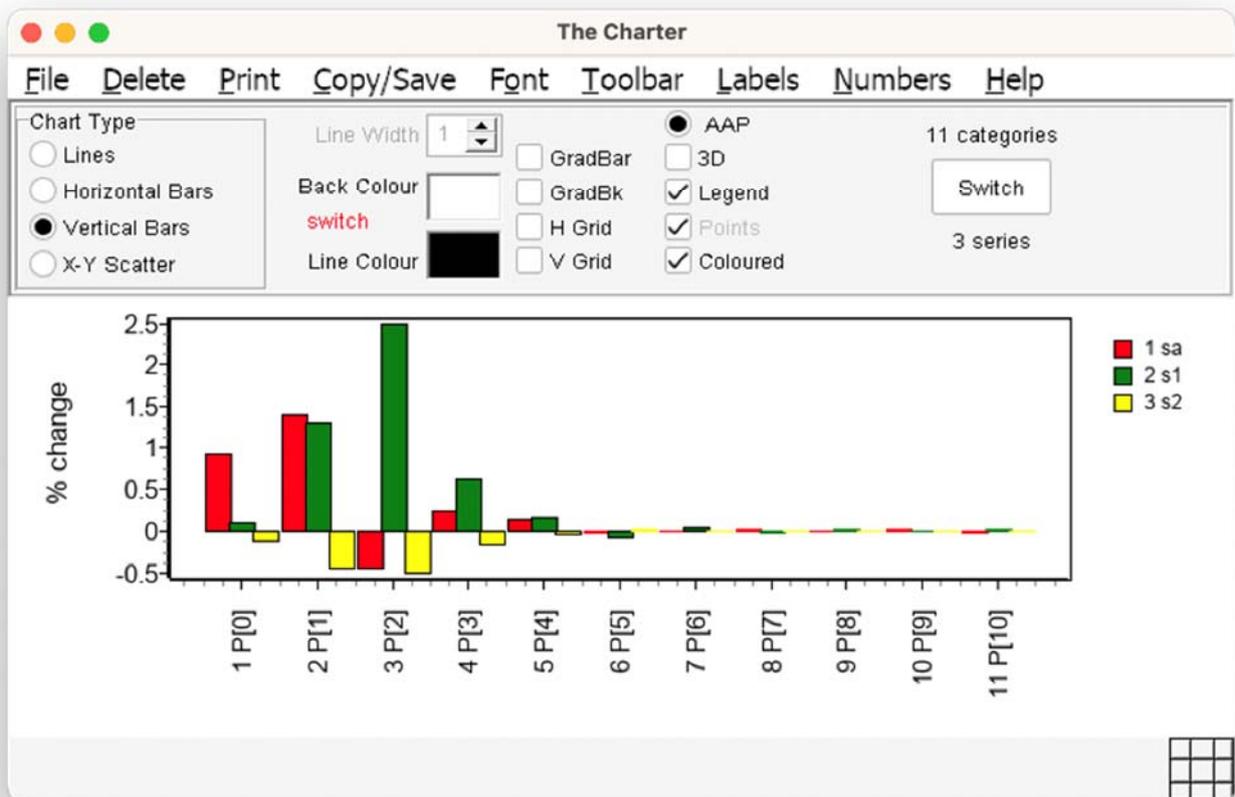
5SSECT.TAB x

```

1
2
3 !-----!
4 !      CRTS.TAB Version 2      !
5 !                               !
6 !      A 5 sector Intertemporal General Equilibrium Model      !
7 !                               !
8 !      This is an implementation of the model described in Chapter 5 of      !
9 !      "Notes and Problems in Applied General Equilibrium Economics"      !
10 !      by P.Dixon, B.Parmenter, A.Powell and P.Wilcoxon.      !
11 !      (This text is referred to as DPPW.)      !
12 !-----!
13 !      Model formulation and calibration by PJW      !
14 !      Model implementation by KP and PJW November 1989 - June 1990      !
15 !-----!
16 !      Modification to remove terminal data JH March 2000      !
17 !      New TAB file, CMF file and data files (Version 2)      !
18 !-----!
19 !
20 !      FILES
21 !-----!
22 !
23 FILE (TEXT) DATA # main data file # ;
24 FILE (TEXT) TIME # holds the years specifying the grid spacing # ;
25 FILE (TEXT) EXPECT

```

1: 1 UTF-8 Insert



```

C:\windows\system32\cmd.exe

<TABLO Version 7.0 August 2018>
This program accesses some of the routines in the GEMPACK software release
<GEMPACK Release 12.1.007 December 2021>

Licence file: C:\GP\licen.gem
Licence activation checked.
Activation not required for limited licence

-----
! GEMPACK Software System Licence !
! Limited Size Executable-image Licence for GEMPACK !
! Licence No. GEI-9999 !
! Licence for Release 12.1 of GEMPACK !
! Installer-generated expiring licence. Ask !
! sales at gempack.com for a permanent licence. !
! (Your GEMPACK licence expires on 04-NOV-2023.) !
-----

This licence is a Limited Executable-image GEMPACK licence.
This licence does not allow TABLO to generate Fortran code.

<< COPYRIGHT 1987-2018: CoPS/Impact and KPSOFT >>

Current directory is: C:\GP\examples

Full path name of running EXE is: C:\GP\tablo.exe
Fortran compiler = GF64 version 6.4.0 64 bit
BLAS library: OpenBlas
OPENMP number of threads: 8
Gempack source corresponds to revision 1355.
Operating System is Unknown/ Error retrieving info

+++++
TABLO OPTIONS
  
```

