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If these version 6.x instructions are difficult and off-putting,
why not install the much more straight-forward version 5.5?

Scientific Word/WorkPlace/Notebook Installation Instructions for version 6.x
Fixed Licence: **please follow precisely** to ensure successful installation

The release of TeX Live 2022 on 3/4/22 means that, for Scientific Word/WorkPlace, you will **first** need to install TeX Live, as documented below.

WINDOWS (for Mac instructions, see p4)

1. System requirements are as in our April 2015 mailing (Item 1)

2. Re-boot and make sure you are signed in to your computer as an Administrator

3. To install:

   A. **TeX Live 2022** (this step A is required for Scientific Word and Scientific WorkPlace; it is not required for Scientific Notebook)**:**

   i. If you already have a folder `c:\texlive`, first rename it (eg. to `c:\texlivebackup`). This both keeps a backup of any existing TeX Live installation, and also gives TeX Live 2022 a fresh start.

   ii. Go to https://www.tug.org/texlive/acquire-netinstall.html and, in the first main paragraph, click to download install-tl-windows.exe. In File Explorer, browse to the folder containing your downloaded file and click to run `install-tl-windows.exe`. You may need to turn off Windows Defender SmartScreen (Start – Settings – Update & Security – Windows Security – App & browser control – Reputation-based protection settings – Check apps and files – Off); or, if it's set to Warn (our recommendation) then click More Info – Run Anyway at the dialog.

   iii. Click Install – Next (screenshot1) and then Install (screenshot2).

   iv. At the Graphical User Interface, click Advanced (screenshot3) and, in the Selections section, click Change (screenshot4) to choose between the Full Scheme (7.5Gb), Medium Scheme (2.1Gb) and Small Scheme (700Mb). We recommend the Small or Medium Scheme (screenshot5); if there are any additional packages you need, you can always add them later using the TeX Live Manager (see our April 2020 mailing Item 2(2)).

   v. Then click Install (screenshot6). The installation, which may take an hour or more, will show its progress as it installs the TeX Live components (screenshot7). Wait until you see the "Welcome to TeX Live!" message. When the installation has finished, click Close (screenshot8 and screenshot9) and go on to Section B below.

vi. If you get error messages (such as error1) – anything other than the succession of lines saying 'Installing' in screenshot7 – then Close the installation and repeat from (ii) above. This time go to https://www.tug.org/texlive/acquire-iso.html. Obtain the ISO disc image file by clicking the first bullet point to download from a nearby CTAN mirror; click to download the 4.3Gb `texlive.iso` to your hard disk or external drive: eg. create a new folder `TeXLiveISO` and save the file as `D:\TeXLiveISO\texlive.iso`. In File Explorer, double-click this ISO file, and it will mount as a separate drive (eg. the G: drive). Click on `G:\install-tl-windows.bat` and continue from midway through (ii) above (giving permission to Windows Defender SmartScreen).

After completing the installation of TeXLive – ie. at the end of Step (v) above – you can dismount/eject the G: drive by right-clicking on it in File Explorer and selecting Eject.

B. **Scientific Word/WorkPlace/Notebook:**

i. Download the Scientific Word/WorkPlace/Notebook v6.1 (Windows) program file here.

ii. Browse to the directory containing the download file: right-click the file and select Run-as-Administrator to begin the installation. You may need to turn off Windows Defender SmartScreen (Start – Settings – Update & Security – Windows Security – App & browser control – Reputation-based protection settings – Check apps and files – Off); or, if it's set to Warn (our recommendation) then click More Info – Run Anyway at the dialog.

iii. Select the installation language – Next, and Accept the Licence Agreement (if appropriate).

4. The downloads for Scientific Word/WorkPlace have separate installers for the main program and TeX Live. <mark>You will need to **uncheck** the TeX Live box</mark> in order to use the TeX Live 2022 installed in 3A above; however, you should Accept whatever is the default answer to the other installation questions – whether they are checked or unchecked (see screenshot10 and screenshot11) – and let the program installer run whichever additional modules it requires.

5. When the main Scientific Word/WorkPlace/Notebook installation finishes, click Finish (screenshot12) and give permission to the GhostScript (screenshot13 and screenshot14) and/or Inkscape installers if requested, until you get the message saying 'Done with extra installers' (screenshot15); this window may be hidden behind other windows.

6. After installing Scientific Word/WorkPlace/Notebook you will need to Activate the program:

- **Windows:** Right-click the v6.0 program icon and Run-as-Administrator. If there is not a SWP/SW/SNB v6.0 program icon already on the desktop to do this, click on Start and scroll down the alphabetical list of programs. Click on Scientific Word/WorkPlace/Notebook to open the dropdown, and you will see SWP/SW/SNB 6.0. (You could right-click and pin this to the Start menu so as to find it again more easily in future; from there you can drag it to the desktop, if you wish)

  If, on opening Scientific Word/WorkPlace/Notebook, you get an error message like this, click on OK and then open the side panel by clicking on the dotted line in the middle of the right hand side of the Scientific Word/WorkPlace/Notebook window; at the top, click the Actions dropdown that's level with MSI What's New, and select Close (like this). You can then close the right-hand side panel by clicking on the dotted line. This is a one-time fix.

Click Help – Activate and **type** (NOT copy and paste) your serial number, and your Email address for the return of your licence, followed by OK (see here).

After updating from a previous version, you may not need to re-Activate (see the final sentence of Step 8 to check whether your licence is Activated); but you should still open the program with right-click – Run-as-Administrator on the first occasion after installing/updating.

7.   Exit and re-boot

8.   Your licence file license.lic belongs in the Profile folder of your program installation – it will be *of the form*:

- **Windows:**
  `c:\Users\`*`[Name]`*`\AppData\Roaming\SW[P]\Profiles\`*`[cht11msu]`*`.default\license.lic`

Please note that:

➢ For **standalone** systems, your licence file will be created automatically by Activating; you will see an "Activation Success" message (see here)

➢ For **home use** systems attached to a campus-wide Site Licence, your installation will not work until your licence information has been forwarded to you by Email from your Site Licence Administrator (see here). Copy the entire licence Email to the clipboard, close Scientific Word/WorkPlace/Notebook, and re-open the program; this creates your licence file. To ensure the Site Licence Administrator can confirm your eligibility, please use your official company/University Email address when Activating in Step 6

To ensure you are correctly Activated, check you get the gold seal from Help – License Information

9.   In tracking down any problems with compiling and showing the PDF, it helps to examine the log file. Please see our December 2019 mailing Item 7 for how to find this

10.   We recommend watching the videos on our v6.0 Scientific Word and Scientific WorkPlace pages, together with the New Features and Demonstration Videos pages. The manuals are available for download here

Christopher J. Mabb

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32-bit Mac up to OS 10.14 Mojave (for Windows instructions, see p1)

1. System requirements are as in our [April 2015 mailing](#) (Item 1)

2. Re-boot and make sure you are signed in to your computer as an Administrator

3. To install:

    A. **TeX Live 2023** (this step A is required for Scientific Word and Scientific WorkPlace; it is not required for Scientific Notebook)**:**

        i.   If you already have a folder `/usr/local/texlive` (Finder – Go – Go to Folder – `/usr/local/texlive`), first rename it (eg. to `/usr/local/texlivebackup`). This both keeps a backup of any existing TeX Live installation, and also gives TeX Live 2023 a fresh start.

        ii. Go to the [TeX User Group MacTeX Distribution](#); click the [Unix Download](#) link in the middle of that page. Go to the third section, "Installing with the Unix Script" and, in the third paragraph, click the link to download [install-tl-unx.tar.gz](#) (about 6Mb). In Finder, go to your Downloads folder and double-click the downloaded file `install-tl-unx.tar.gz` to uncompress it. Drag the resulting folder, called something like `install-tl-20220418`, to your Home folder ([Mac-screenshot1](#); if you don't have a Home folder in Favourites, find it from Go – Home and drag it from Users to Favourites).

        iii. Open a Terminal window from Finder – Applications – Utilities ([Mac-screenshot2](#)) and type `cd` followed by a space ([Mac-screenshot3](#)). Then drag the `install-tl-20220418` folder and drop it on to the Terminal window ([Mac-screenshot4](#)) followed by Carriage Return ([Mac-screenshot5](#)). On separate lines followed by Carriage Return, enter (either type, or copy-and-paste):

             ```
             zsh
             umask 0022
             sudo perl install-tl -gui
             ```

             after which you will need to enter your password.

        iv. At the Graphical User Interface, click Advanced ([Mac-screenshot6](#)) and, in the Selections section, click Change ([Mac-screenshot7](#)) to choose between the Full Scheme (7.5Gb), Medium Scheme (2.1Gb) and Small Scheme (700Mb). We recommend the Small or Medium Scheme ([Mac-screenshot8](#)); if there are any additional packages you need, you can always add them later using the TeX Live Utility (see our [May 2016](#) mailing Item 4).

        v.   Then click Install ([Mac-screenshot9](#)). If it asks whether to "Import settings from previous TeX Live installation", select No. The installation, which may take an hour or more, will show its progress as it installs the TeX Live components ([Mac-screenshot10](#)). Wait until you see the "Welcome to TeX Live!" message; when the installation has finished, click Close ([Mac-screenshot11](#)).

        vi. Click the link [TeXDist-2023](#) to download the small install package. Find the downloaded file `TeXDist-2023.pkg` in your Downloads folder and drag it to the desktop. Double click to install it ([Mac-screenshot12](#), [Mac-screenshot13](#) and [Mac-screenshot14](#)).

B. **Scientific Word/WorkPlace/Notebook:**

    a. Install Scientific Word/WorkPlace/Notebook v6.0.30 (Mac)

        i. Download the appropriate program file for <u>Scientific Word</u>, <u>Scientific WorkPlace</u> or <u>Scientific Notebook</u> v6.0.30

        ii. Double-click to open the `.dmg` file you downloaded, and Ctrl+Click – Open on the installer which starts with swp/sw/snb, as appropriate (see <u>screenshot</u>). Enter your Mac password if requested. If you get a warning message like <u>this</u>, click to Open.

        iii. Choose your language and accept the licence agreement to begin the installation of Scientific Word/WorkPlace/Notebook v6.0.30.

        iv. At the next dialog box, <mark>**uncheck** the TeX Live Network Install option</mark>, since you have already installed TeX Live manually at 3A above: you are only installing Scientific Word/WorkPlace/Notebook here. Click Finish at the end.

    b. [Optional] Install the upgrade to Scientific Word/WorkPlace/Notebook v6.1 (Mac)

        i. Download the Scientific Word/WorkPlace/Notebook v6.1 program file <u>here</u>.

        ii. Before installing, we recommend first renaming your existing Scientific Word/ WorkPlace/Notebook program file (using Finder) from `/Applications/MacKichan/SW.app` (or `SWP.app`, `SNB.app`) to, for example, `SW6.0.30.app` (`SWP6.0.30.app`, `SNB6.0.30.app`) so as to keep v6.0.30 as a backup.

        iii. Double-click the new downloaded v6.1.2 `.tbz` file in Downloads (`Finder – Go – Downloads`) to decompress it automatically using the MacOS tool Archive Utility.

        iv. The decompressed file will be `SWP.app`, `SW.app`, or `SNB.app`. Drag it to `/Applications/MacKichan` to install it; you may need to Authenticate this with your password. Avoid overwriting the previous version with the new one, in order to retain a backup (see ii above).

    c. To update your LaTeX database, open a Terminal window from Finder – Applications – Utilities (<u>Mac-screenshot2</u>) and type `sudo texhash` followed by a Carriage Return (see <u>screenshot</u>); you will need to enter your password. You can close the Terminal window when it says `texhash: Done`.

4. No longer required.

5. No longer required.

6. After installing Scientific Word/WorkPlace/Notebook you will need to Activate the program:

- **Mac:** Open the Finder and go to Applications – MacKichan – SWP/SW/SNB app, and right-click – Open – Open. (You could drag this SWP/SW/SNB app to the desktop so as to find it again more easily in future)

    If, on opening Scientific Word/WorkPlace/Notebook, you get an error message like <u>this</u>, click on OK and then open the side panel by clicking on the dotted line in the middle of the right hand side of the Scientific Word/WorkPlace/Notebook window; at the top, click the Actions dropdown that's level with MSI What's New, and select Close (like <u>this</u>). You can then close the right-hand side panel by clicking on the dotted line. This is a one-time fix.

Click Help – Activate and **type** (NOT copy and paste) your serial number, and your Email address for the return of your licence, followed by OK (see <u>here</u>).

After updating from a previous version, you may not need to re-Activate (see the final sentence of Step 8 to check whether your licence is Activated).

7.   Exit and re-boot

8.   Your licence file license.lic belongs in the Profile folder of your program installation – it will be *of the form*:

- **Mac:** `~/Library/Application Support/SW[P]/Profiles/`*`[pu0nd1yk]`*`.default/license.lic`

Please note that:

➢ For **standalone** systems, your licence file will be created automatically by Activating; you will see an "Activation Success" message (see here)

➢ For **home use** systems attached to a campus-wide Site Licence, your installation will not work until your licence information has been forwarded to you by Email from your Site Licence Administrator (see here). Copy the entire licence Email to the clipboard, close Scientific Word/WorkPlace/Notebook, and re-open the program; this creates your licence file. To ensure the Site Licence Administrator can confirm your eligibility, please use your official company/University Email address when Activating in Step 6

To ensure you are correctly Activated, check you get the gold seal from Help – License Information

9.   In tracking down any problems with compiling and showing the PDF, it helps to examine the log file. Please see our December 2019 mailing Item 7 for how to find this

10.   We recommend watching the videos on our v6.0 Scientific Word and Scientific WorkPlace pages, together with the New Features and Demonstration Videos pages. The manuals are available for download here

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