

Get Started with ProMark

Installation

Nicholas Leuci



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What's covered in this course




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Terminology

Terminology	Definition
Git Bash	Terminal (command line shell for use with Git)
ProMark	Intel Internal documentation tool
GitLab	Repository (container for an organized collection of document files) location
VS Code	Recommended markdown editor for use with ProMark
SSH Key	Encrypted key generated during install to securely, uniquely identify the user
SSH URL	URL used to clone a repository
Markdown	Text representation of HTML without HTML tokens or keywords
MMD	MultiMarkdown language
HTML	Hypertext markup language
Repo	Repository – location of a collection of documentation files

Before You Begin

Install or gain access to the following tools before the training session.

Icon	Name	What it's for	How to Install or Gain Access
	Visio	For image viewing, creating and editing	Install: Software Center
	VS Code	Recommended markdown editor	Install: https://code.visualstudio.com/download
	GitHub	for storing files, Repo	Create Account, Request Access to 1source and ProMark

Before You Begin: Access Steps

GitHub Access is required prior to Installation or Update of ProMark

- Request Intel [1Source Github User](#) role in AGS
 - Scroll the list and select the exact match
 - You will receive an email about training. After training is complete, access will be granted
- Complete “GitHub Dos and Donts” training in My Learning (ID [0020021180](#)) Required Timeline: 6 days
- Create GitHub Account or Access [GitHub Account](#)
 - 1Source relies on your email address for linking, so the account name does not need to exactly match your IDSID
- [Request Access to ProMark CW Readers if you are Green Badge on GitHub](#)

Before You Begin: ProMark Installation

GitHub Access is required **prior** to installation of ProMark (see previous slide)

Do **NOT** install **Git** or **Python** – the ProMark installer will do those installs

If you previously installed Git or Python, **remove them completely**.

To check the status of your onboarding, go to [1source](#)

Make sure **1source** has listed your username, email address and GitHub login correctly, as these values are used during the ProMark installation.

Download and install dt.exe and then run 'dt setup'

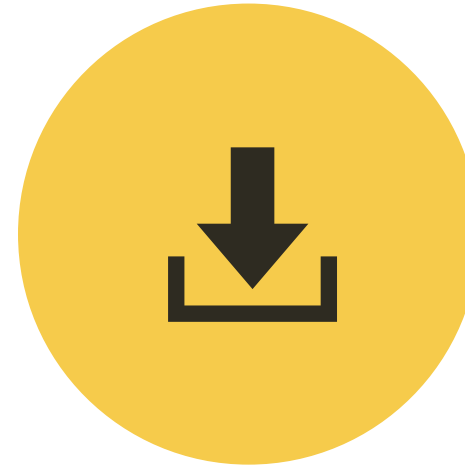
ProMark (aka **PM_DOC**) tools and instructions are found [here](#).

1. Download [dt.exe](#)
2. Open a PowerShell command prompt
3. Install devtool (**dt.exe**). Type: `. \Downloads\dt.exe install`
4. In the PowerShell command prompt, Run: `dt setup`
5. Choose **netrc** for the token type

Installing ProMark: New Users Download



Windows



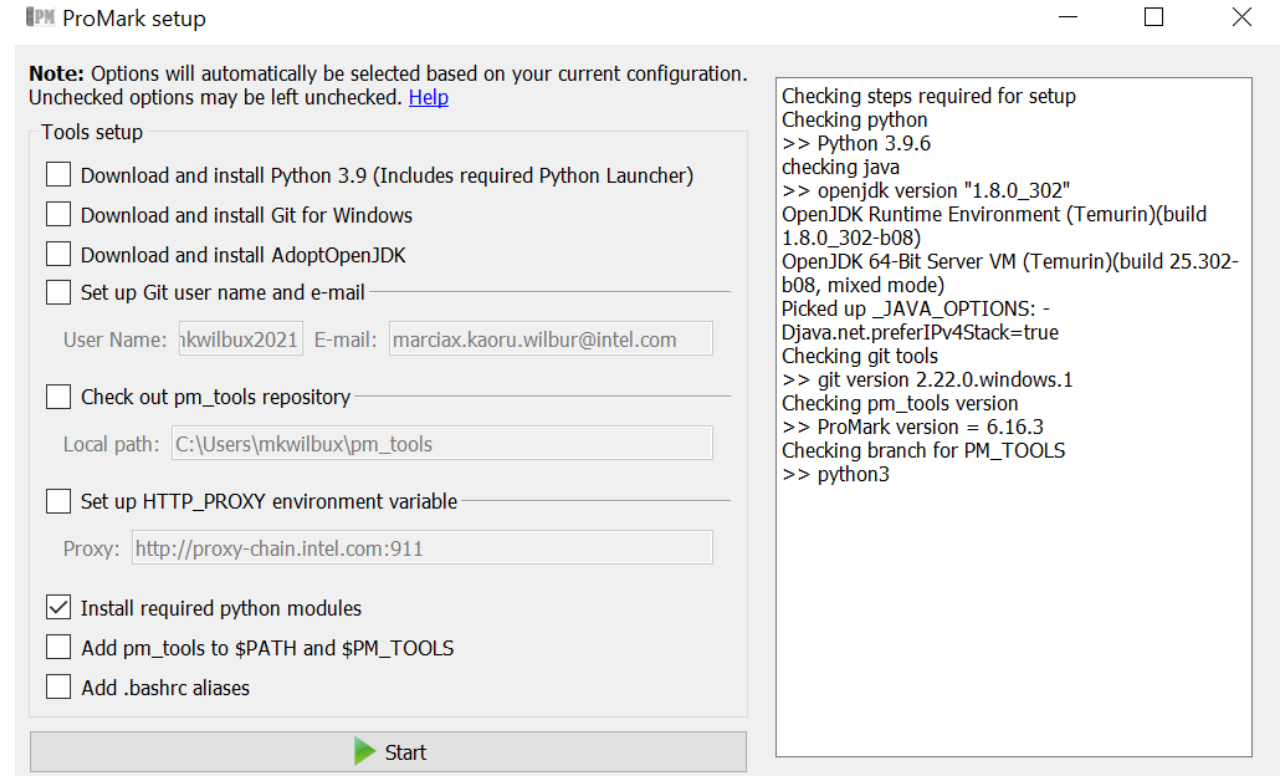
Go to: https://goto.intel.com/promarksetup_github
And then click on **ProMark Installer** to download
Promark_setup_github.exe

Click on this file to start the installer

Installing ProMark: Run the Installer

Make sure **every** checkbox option is selected

- Double click the ProMark installer. A setup screen runs
- Make sure **ALL options** are selected (**checked**)
- Click **Start** at the bottom. The Installer begins running
- Messages about the running installation are shown in the **output** panel to the right



Installing ProMark: Run the Installer (continued)

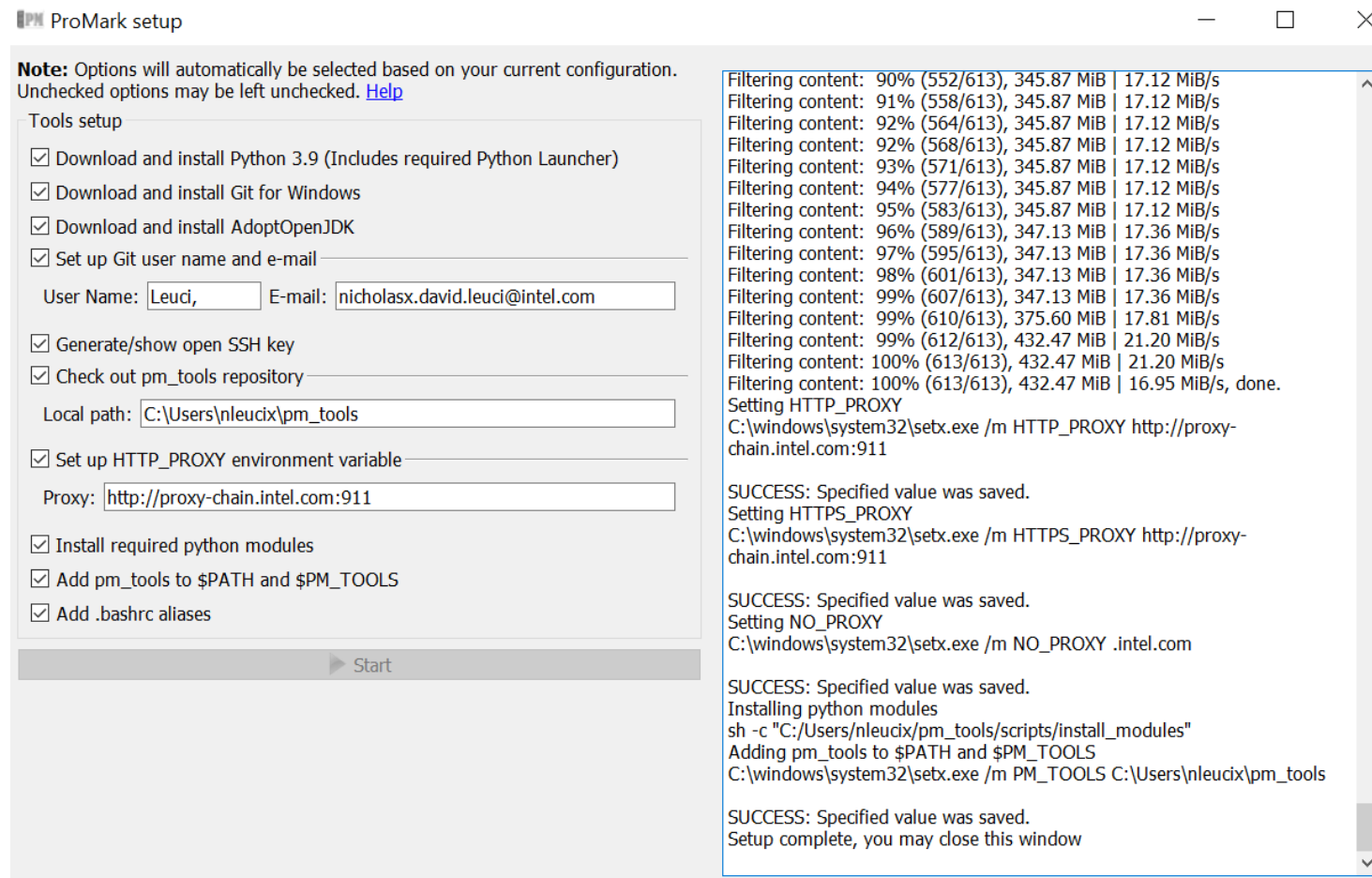
- The installer will run for a while and does several installs and configuration tasks (a summary is on the next slide).
- You will see a message box to cancel the JDK setup. Do NOT click the Cancel button in the message box.
- If the setup is succeeding, you will get a popup window displaying your encrypted SSH Key. Copy the key's text to a file and save it.
- **DO NOT ALTER your SSH key in any way**
- The ProMark setup will continue and finish with SUCCESS messages
- If you get an **error** message, you must fix the issue and start over
- You may need to reboot and completely redo the install. Patience helps

Installing ProMark: Installer Details

ProMark setup performs the following:

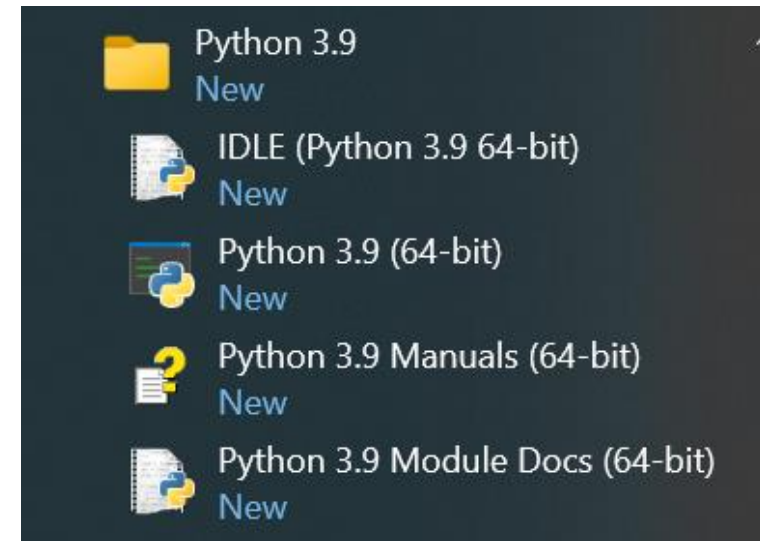
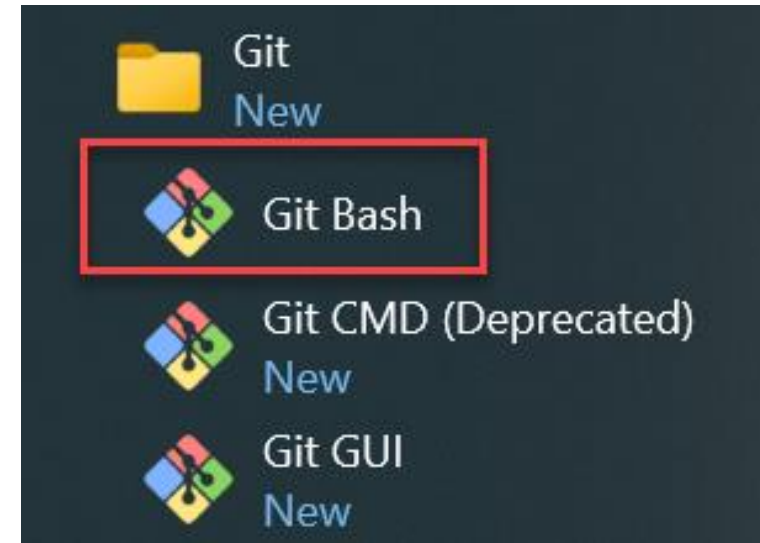
- Installs Python3.9
- Installs Git for Windows
- Installs OpenJDK
- Sets up the username and email
- Locally clones pm_tools repo
- Places the repo in the local path
- Sets up HTTP_Proxy env variable
- Installs python modules
- Adds pm_tools to the \$PATH and \$PM_TOOLS
- Adds .bashrc alias

The ProMark installer populates the fields from your GitHub account settings, and it makes the necessary runtime settings for your environment.



Installing ProMark: Dev Settings

- The Promark Installer adds new programs available to you on the Windows Start Menu
- The Promark Installer adds **Git**, an open-source toolset for accessing remote and private repositories. This includes **Git Bash**, a command line terminal (shell) with interfaces to Git, useful for operating on a Git repository.
- Another tool used by ProMark is **Python**, a software development language. You can access Python with Git Bash, or with its own tools.
- Some crucial uses are shown in the next slides. Do **NOT** add later versions of these tools.



Verify ProMark Installation

1. You need to verify the ProMark installation with these commands:
2. Click on the **Git Bash** shell terminal and at the **\$ prompt** enter: **py -0**
3. Then enter **pmbranch**, and then enter **pmversion**.
4. The return values should match the screen snap shown below

```
nleucix@nleucix-mobl MINGW64 ~  
$ py -0  
Installed Pythons found by C:\windows\py.exe Launcher for Windows *  
  
-3.9-64  
nleucix@nleucix-mobl MINGW64 ~  
$ pmbranch  
python3  
  
nleucix@nleucix-mobl MINGW64 ~  
$ pmversion  
version = 6.17.0  
  
nleucix@nleucix-mobl MINGW64 ~  
$
```

Update ProMark to the Current Version

```
mkwilbux@mkwilbux-mobl MINGW64 ~/has-demo-specsqa (master)
$ build
15:41:10 | ProMark | version 6.16.3

15:41:10 | ERROR | ProMark has migrated to GitHub.
To keep using ProMark please update the ProMark remote.
For more information please type pmremoteinfo
15:41:10 | INFO | Building C:/Users/mkwilbux/has-demo-specsqa/distrib/IPG_TRM_template_v1.html
15:41:13 | INFO | Building 1 document(s)
0 complete, 0 error(s), 1 running, 0 in queue
```

When you have ProMark installed already:

- Open the Git Bash shell terminal. At the **\$ prompt** enter: **pmremoteupdate**
- This command will only work after access has been granted to you for the **innersource** ProMark repo on [GitHub](#)
- The ProMark's current version will display. Compare below with the previous slide.

```
nleucix@nleucix-mobl MINGW64 ~
$ pmversion
version = 6.19.0

nleucix@nleucix-mobl MINGW64 ~
$ |
```

Update ProMark: then Reboot

ProMark is updated when the **pmremoteupdate** command is run.

Note: Reboot the computer after the update to ensure future builds will work.

```
mkwilbux@mkwilbux-mobl MINGW64 ~/has-demo-specsqa (master)
$ pmremoteupdate
Access to repository https://github.com/intel-innersource/frameworks.documentation.promark.promark-tools.git is allowed.

Pulling latest changes
Already up to date.
Updates done!

ProMark remote:
origin https://github.com/intel-innersource/frameworks.documentation.promark.promark-tools.git (fetch)
origin https://github.com/intel-innersource/frameworks.documentation.promark.promark-tools.git (push)
Done!
```

```
mkwilbux@mkwilbux-mobl MINGW64 ~/workingdemo/HAS-demo-1/has-demo-specsqa (master)
$ build
16:08:20 | ProMark | version 6.16.3

16:08:21 | SUCCESS | Build PASSED
```

After Installing ProMark: Next Steps

- ProMark is not a text editor itself. You need to use an editor in concert with Git and ProMark. The preferred ProMark editor is **Visual Studio Code**, a public domain markdown editor from Microsoft.
- The download for this editing tool is available from the [PM docs page](#).
- The companion slide deck covers these topics and more:
 - Setting up Visual Studio Code
 - Markdown basics
 - Cloning a repository
 - Beginning the document creation and editing process using ProMark

Additional Resources

Topic	Link
Overview	ProMark QuickStart
GitLab access	GitLab access and link
Editor training	Editor Overview
Git Basics	Link to GitLab Cheatsheet
PDF build	PDF Syntax
Pre-Requisites	Before You Begin
Markdown basics	Markdown Basics link
Repo Admin	Repo Admin Basics
Merge Request	Gitlab link
Word2mmd	doc2mmd link
Troubleshooting	Troubleshooting link
SSH	SSH Keys – GitLab SSH Keys – ProMark

ProMark Support

For more information and support from the ProMark team, visit:

[Documentation](#)

[ProMark Office Hours](#)

[Yammer](#)

You will need membership and permissions to access Yammer. Navigate to the [AGS](#) page and search for this text: **m365 - yammer**

Submit an authorization request. When your manager has approved the request, you will be able to access Yammer.

Questions?

