

## Windows Registry

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The Windows Registry is an important part of the Windows operating system, acting as a centralized database that holds a profusion of configuration settings for both the system and the apps that run on it. This vast repository allows the operating system to retrieve critical information required for its operation, such as user profiles, installed applications, and the types of documents that each can create, property sheet settings for folders and application icons, what hardware is present on the system, and the ports that are in use.

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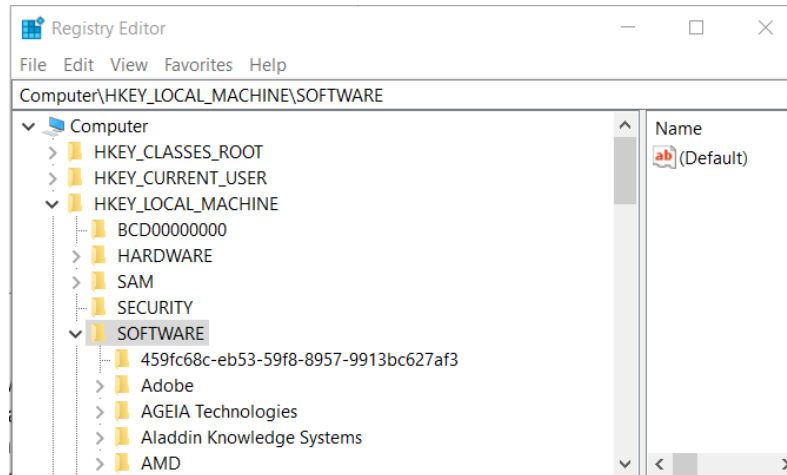
### examples of system settings stored in the registry:

1. User Account Settings
2. System Configuration
3. Network Configuration
4. Security Settings
5. Windows Update Settings
6. Desktop Environment
7. File Association Configurations

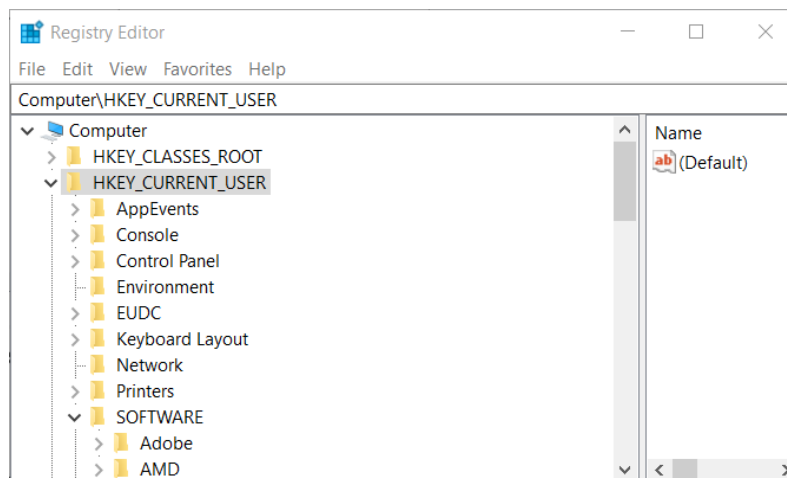
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### three registry keys that store important configurations:

1. HKEY\_LOCAL\_MACHINE\SOFTWARE: This key saves software-related settings and configurations for the entire system. It stores information about installed apps, such as their paths, version numbers, and configuration settings. Software options that apply to all system users are frequently located here.



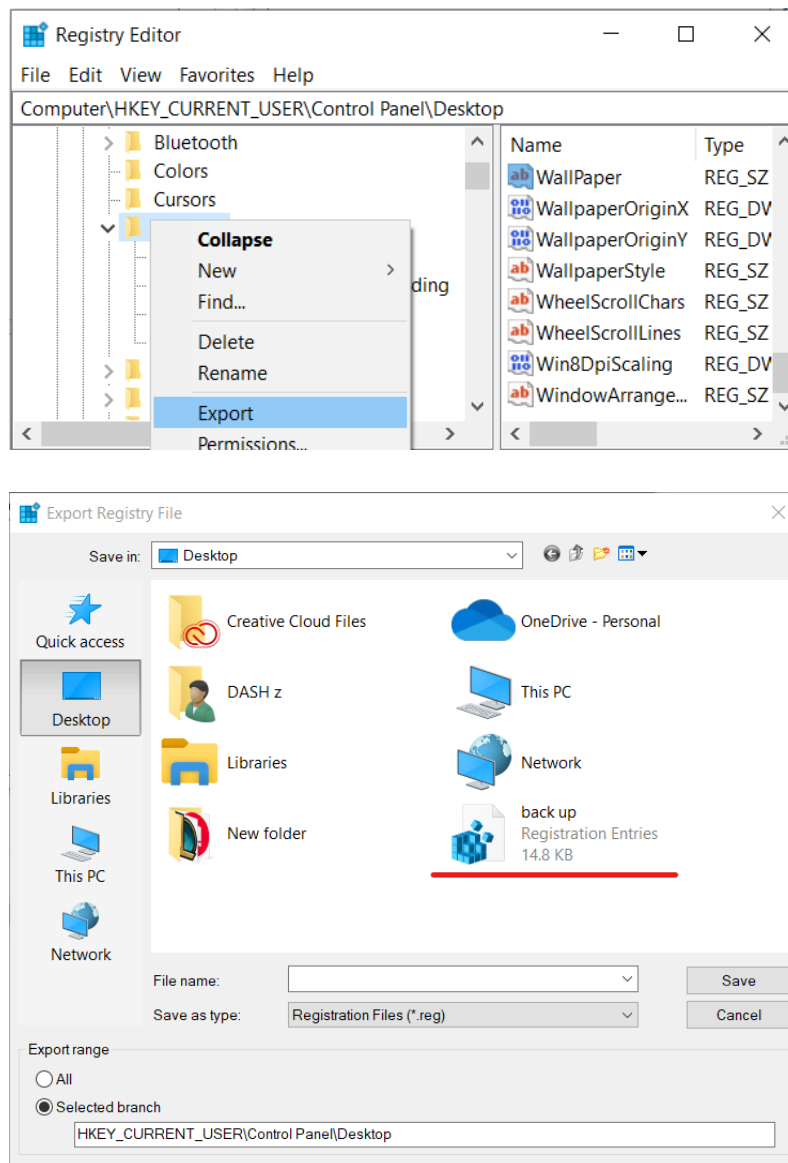
2. **HKEY\_CURRENT\_USER:** This key stores configurations and settings that are unique to the individual. It includes desktop preferences, application settings, and user-specific software customizations for the presently logged-in user. Changes to this key will only affect the currently logged-in user.



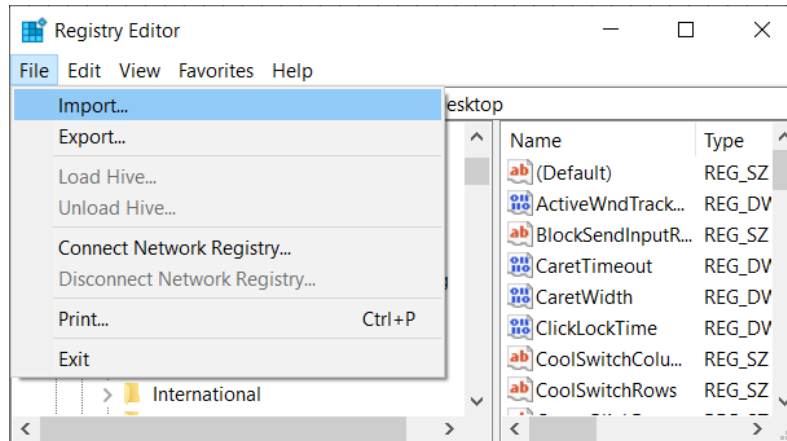
3. **HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services:** This key is essential for configuring hardware and device drivers. It stores data on system services and drivers, such as their startup type, dependencies, and configuration parameters. Modifications to this key may have an impact on how hardware and drivers interact with the operating system.



Walla, the background has been changed, but there is a problem if you don't remember the first image so as any change to any key, subkey and value so we have the solution, before we make any change we export it so we can bring it back



If we need to backup it we just hit the file button in the top left of the window and hit the import option



By selecting the backup file and pressing OK the keys and values have gotten back, this should appear on the screen.

