How to Manage .NET Core SDK Versions on Windows Using .NET Core SDK Manager

The .NET Core SDK Manager (also known as dotnet-core-uninstall) is a crucial tool for developers working with multiple versions of the .NET Core SDK on their Windows systems. This tool allows you to list, update, and remove installed versions of the .NET Core SDK, ensuring that your development environment remains clean and manageable. Managing SDK versions is essential for maintaining compatibility with different projects and avoiding conflicts.

In this article, we will explore how to install and use the .NET Core SDK Manager on a Windows environment. We will cover practical examples of listing installed SDKs, uninstalling specific versions, and updating to the latest version.

Examples:

1. **Installing .NET Core SDK Manager:**

   To begin, you need to download and install the .NET Core SDK Manager. Follow these steps:

   - Visit the official .NET Core SDK Manager GitHub repository: [dotnet-core-uninstall](#)
   - Download the latest release for Windows (e.g., dotnet-core-uninstall-win-x64.exe).
   - Run the downloaded executable to install the tool.

2. **Listing Installed .NET Core SDKs:**

   Open Command Prompt (CMD) or PowerShell and run the following command to list all installed .NET Core SDKs:

   ```
   dotnet-core-uninstall list
   ```

   This command will output a list of all installed SDK versions, along with their installation paths.

3. **Uninstalling a Specific .NET Core SDK Version:**

   To uninstall a specific version of the .NET Core SDK, use the following command, replacing x.x.x with the version number you wish to remove:

   ```
   dotnet-core-uninstall remove --sdk x.x.x
   ```

For example, to remove version 3.1.201, you would run:

```
dotnet-core-uninstall remove --sdk 3.1.201
```

4. **Updating to the Latest .NET Core SDK Version:**

To ensure you have the latest version of the .NET Core SDK, you can use the following command to update:

```
dotnet-install-script.ps1 -Channel LTS
```

This command will download and install the latest Long-Term Support (LTS) version of the .NET Core SDK.

5. **Uninstalling All Previews:**

If you want to remove all preview versions of the .NET Core SDK, you can use the following command:

```
dotnet-core-uninstall remove --all-previews
```

This is useful for cleaning up your development environment and ensuring that only stable versions are installed.