

# Creating Native Windows Applications with Nativefier

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### Introduction to Nativefier and its Importance in the Windows Environment

Nativefier is a powerful tool that allows developers to create native applications for various platforms using web technologies. It wraps a web application into a standalone executable, providing a seamless user experience similar to a traditional desktop application. While Nativefier is not originally designed for the Windows environment, there are ways to adapt it to create native Windows applications.

The ability to create native Windows applications using web technologies is essential for developers who want to leverage their existing web development skills and frameworks to build desktop applications. This approach eliminates the need to learn new programming languages or frameworks specific to Windows, saving time and effort. Additionally, it allows developers to reuse existing code and resources, resulting in faster development cycles and easier maintenance.

### Examples:

**Example 1: Installing Nativefier on Windows** To get started, open a command prompt or PowerShell window and execute the following command to install Nativefier globally:

```
npm install -g nativefier
```

**Example 2: Creating a Native Windows Application** Once Nativefier is installed, you can create a native Windows application by running the following command:

```
nativefier --platform windows --name "MyApp" "https://example.com"
```

This command will generate a standalone executable named "MyApp.exe" that wraps the web application hosted at "<https://example.com>". The generated application will have its own icon, window frame, and can be launched like any other Windows application.

**Example 3: Customizing the Native Windows Application** Nativefier provides various options to customize the generated native Windows application. For example, you can specify the application's icon using the --icon flag:

```
nativefier --platform windows --name "MyApp" --icon "path/to/icon.ico" "https://example.com"
```

You can also configure additional options such as window size, user agent, and more. Refer to the Nativefier documentation for a complete list of available options.