



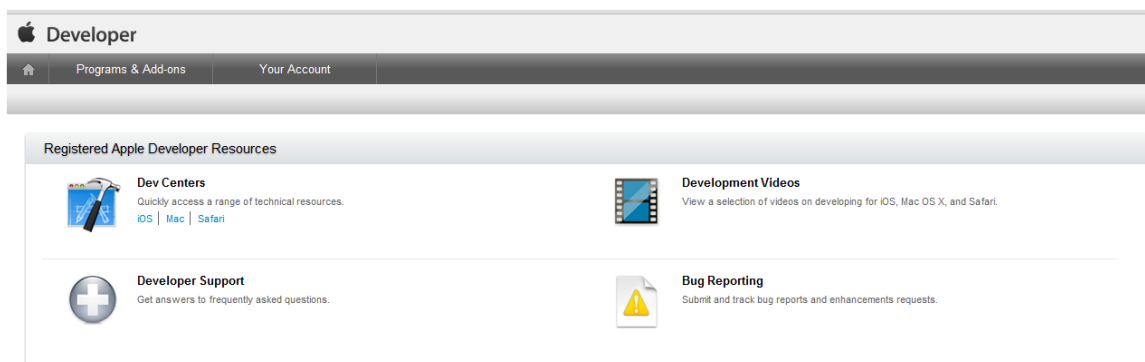
## How-To: Create a Safari Extension Certificate

Safari Extensions must to be signed before they can be installed. So, before you start writing any code, head over to the [Safari Developer Center](#) to register as a Safari Developer. It's free to join, and binds to your Apple ID from your MobileMe or iTunes account.

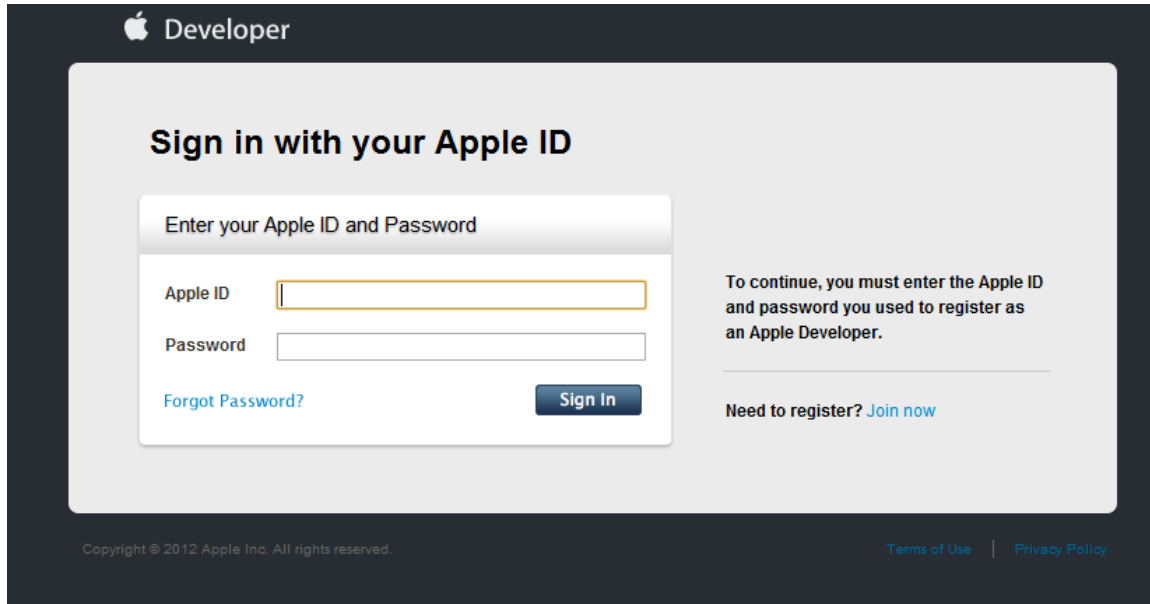
1. Go to the [Safari Developer Center](#).
2. Select whether you want to create a new account or use your existing Apple ID.

This is a screenshot of the "Apple Developer Registration" page. At the top, there's a header with the Apple logo and the word "Developer" on the left, and "Apple Developer Registration" on the right. Below the header is a progress bar with five steps: "Apple ID" (current step, marked with a green dot), "Personal Profile", "Professional Profile", "Legal Agreement", and "Email Verification". The main content area asks "Do you have an existing Apple ID you would like to use?". There are two radio button options: "Create an Apple ID" (selected) and "Use an existing Apple ID". Each option has a brief explanation. To the right of the "Create an Apple ID" option is a link "What is an Apple ID?" with a tooltip explaining its use. At the bottom, there are three buttons: "Cancel", "Go Back", and "Continue". The footer contains copyright information and links to "Terms of Use" and "Privacy Policy".

- a. If you chose to create a new account, follow the instructions to get to the following page:

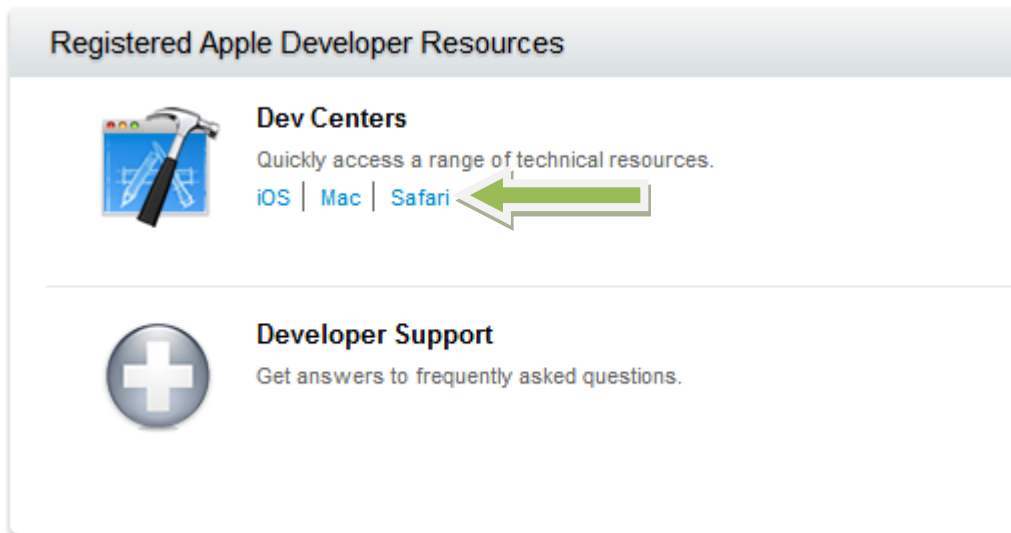


b. If you chose to use your existing Apple ID, the following page appears:

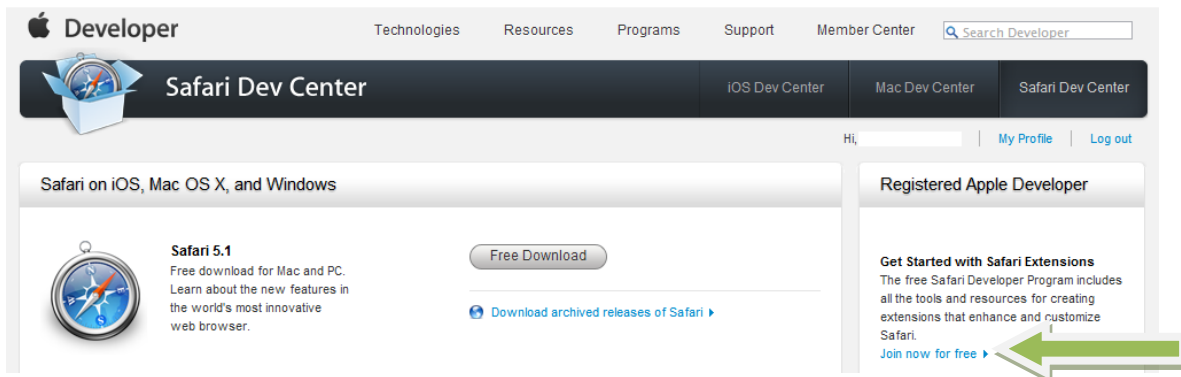


The screenshot shows the Apple Developer sign-in page. At the top, there's an Apple logo and the word "Developer". Below that, the heading "Sign in with your Apple ID" is centered. A white box contains the text "Enter your Apple ID and Password". Inside this box, there are two input fields: "Apple ID" and "Password". Below the "Password" field is a link "Forgot Password?". To the right of the input fields is a blue "Sign In" button. To the right of the sign-in box, there is a message: "To continue, you must enter the Apple ID and password you used to register as an Apple Developer." Below this message is a link "Need to register? Join now". At the bottom of the page, there is a copyright notice "Copyright © 2012 Apple Inc. All rights reserved." and two links: "Terms of Use" and "Privacy Policy".

3. Once you are logged in, on the [Registered Apple Developer Resources](#) page, under [Dev Centers](#), click [Safari](#).



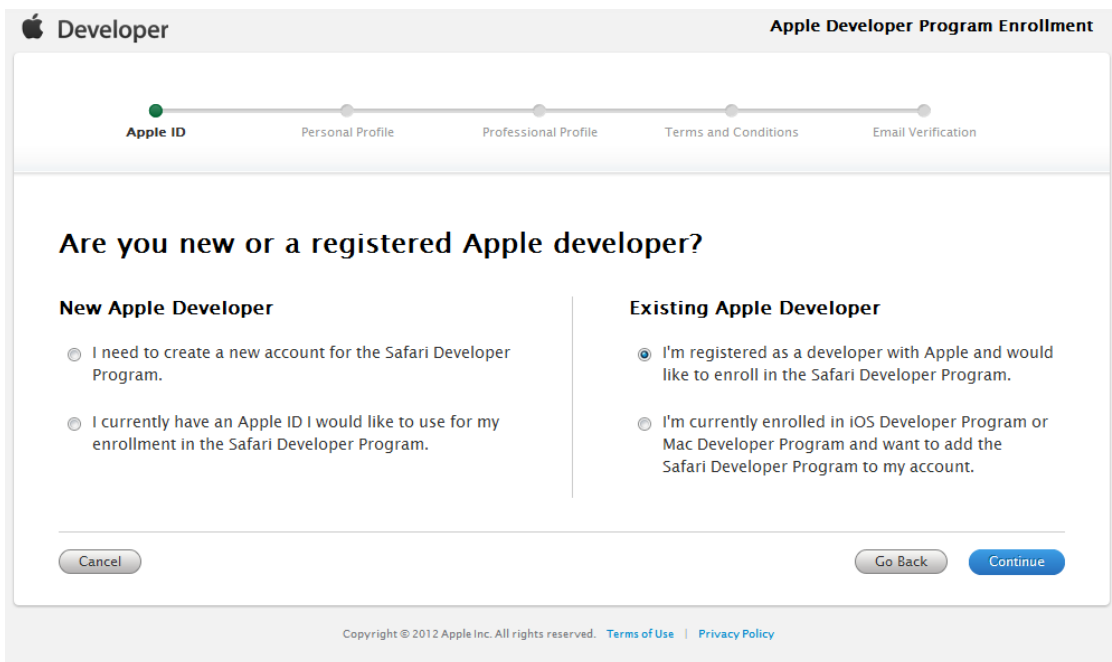
4. On the [Safari Dev Center](#) page, click [join now for free](#).



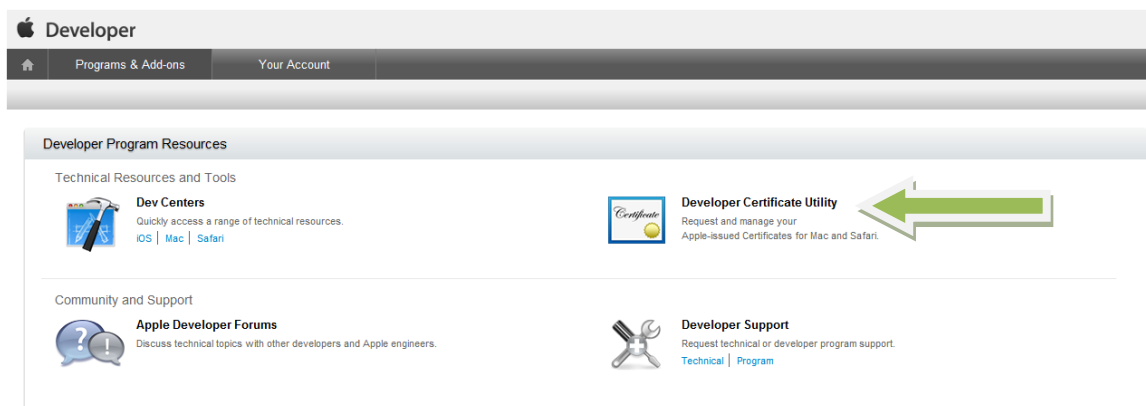
5. On the [Safari Developer Program](#) page, click [join now](#).



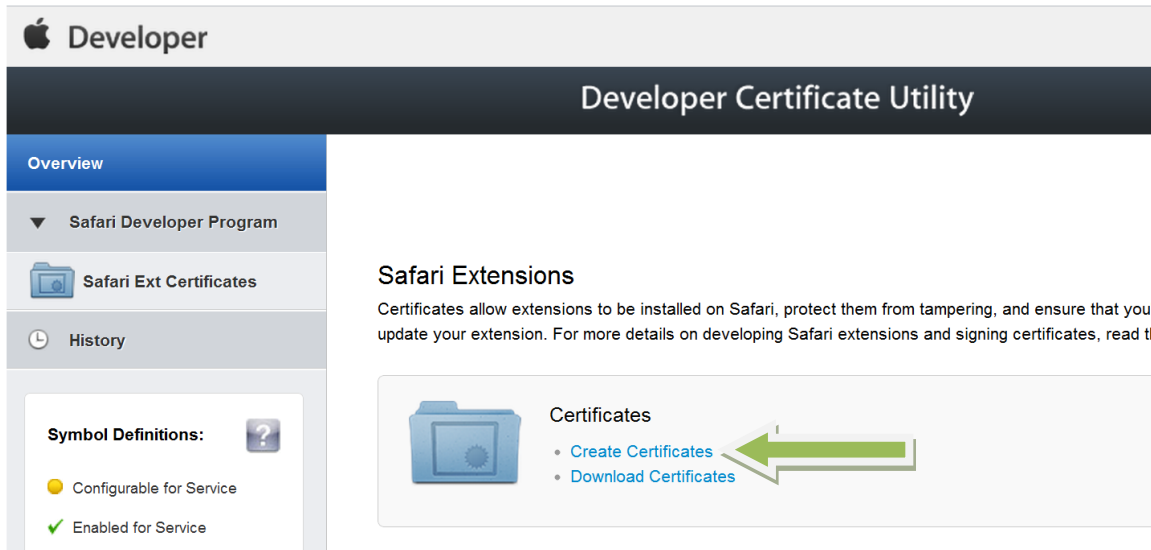
6. On the developer registration page, select whether you want to create a new developer account or use your existing developer account.



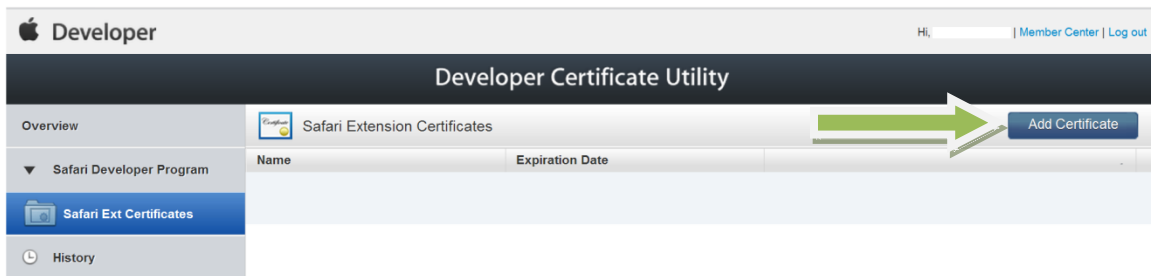
7. On the [Developer Program Resources](#) page, click [Developer Certificate Utility](#).



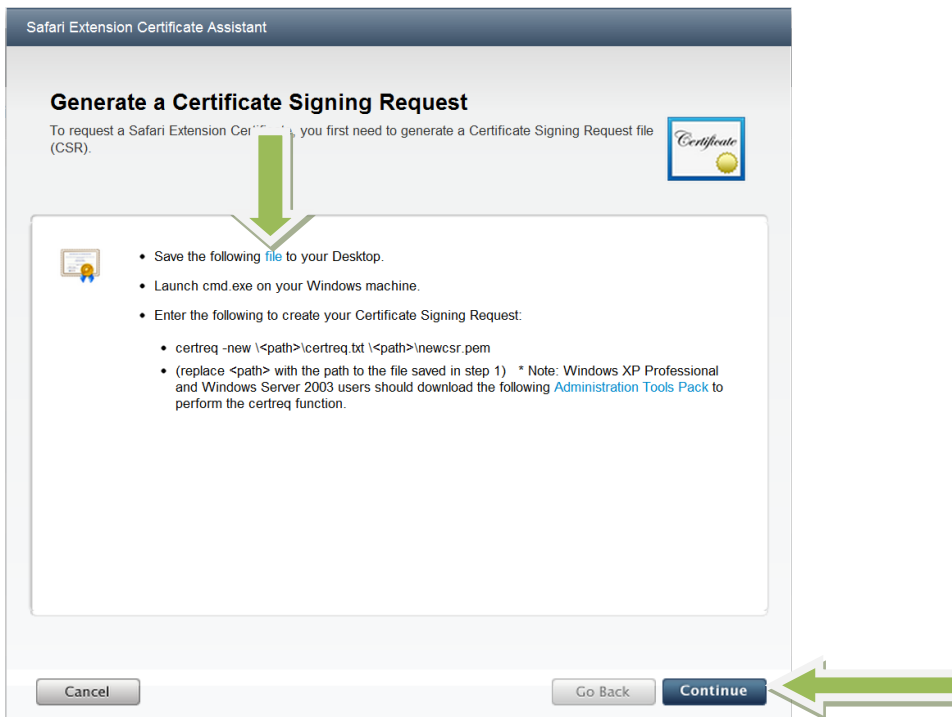
8. On the [Safari Extensions](#) page, click [Create Certificates](#).



9. On the [Safari Extensions Certificates](#) page, click [Add Certificate](#).

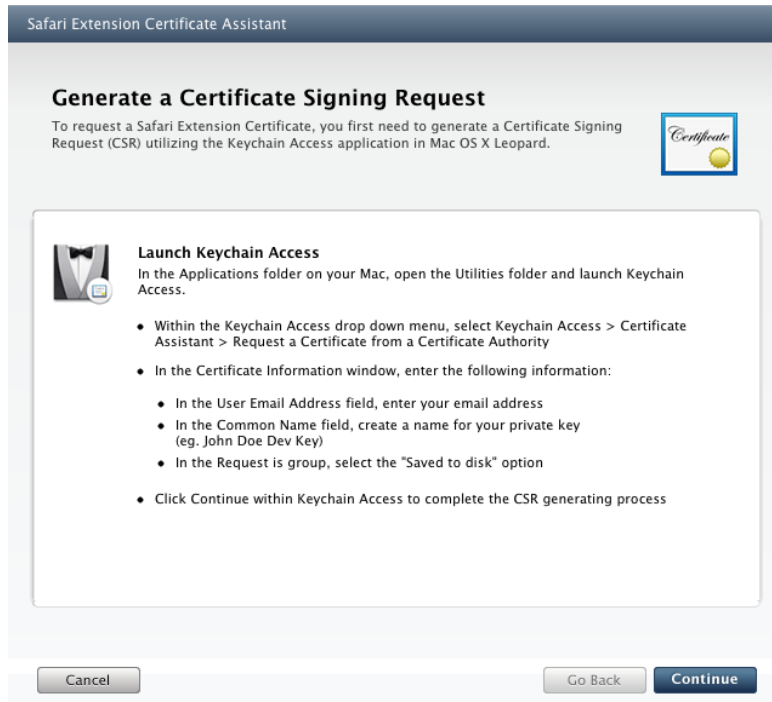


10. On the [Generate a Certificate Signing Request](#) page, for Windows perform the following steps, for Mac see the note below.

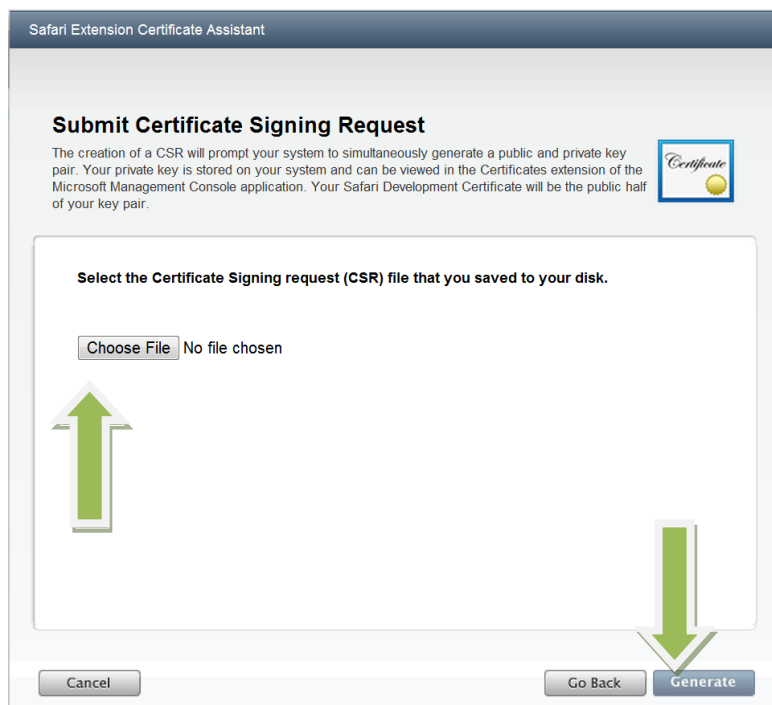


- a. Create a new text file on your desktop called *certreq.txt*.
- b. Click [file](#), copy the text in the window that opens and paste it to the file you created, and then click [Save](#).
- c. At the command prompt, type *certreq -new <pathToDesktop>\certreq.txt <pathToSavePemFile>\newcsr.pem*. A new file (*newcsr.pem*) is created in the specified location.
- d. Click [Continue](#).

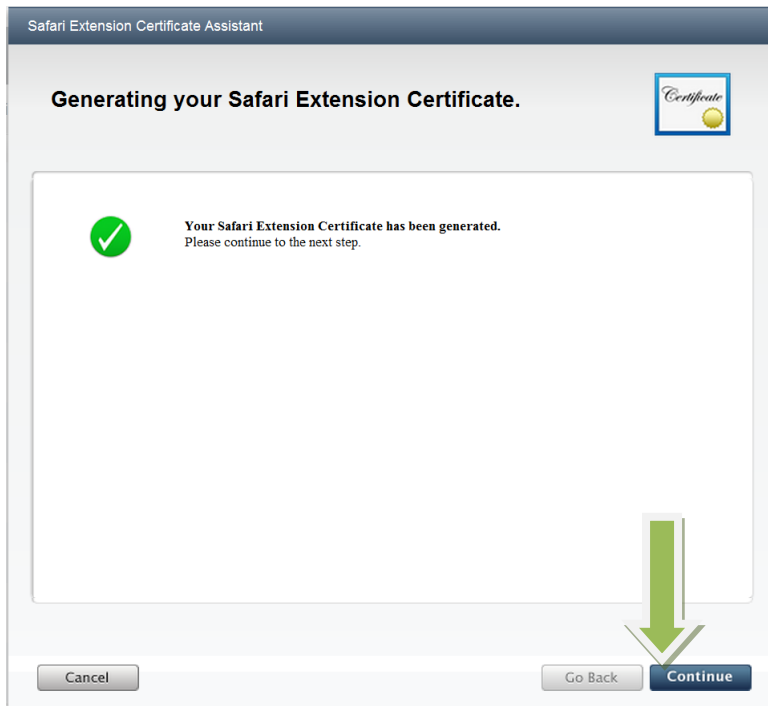
**Note:** When using a Mac follow the instructions in the page, and then click [Continue](#).



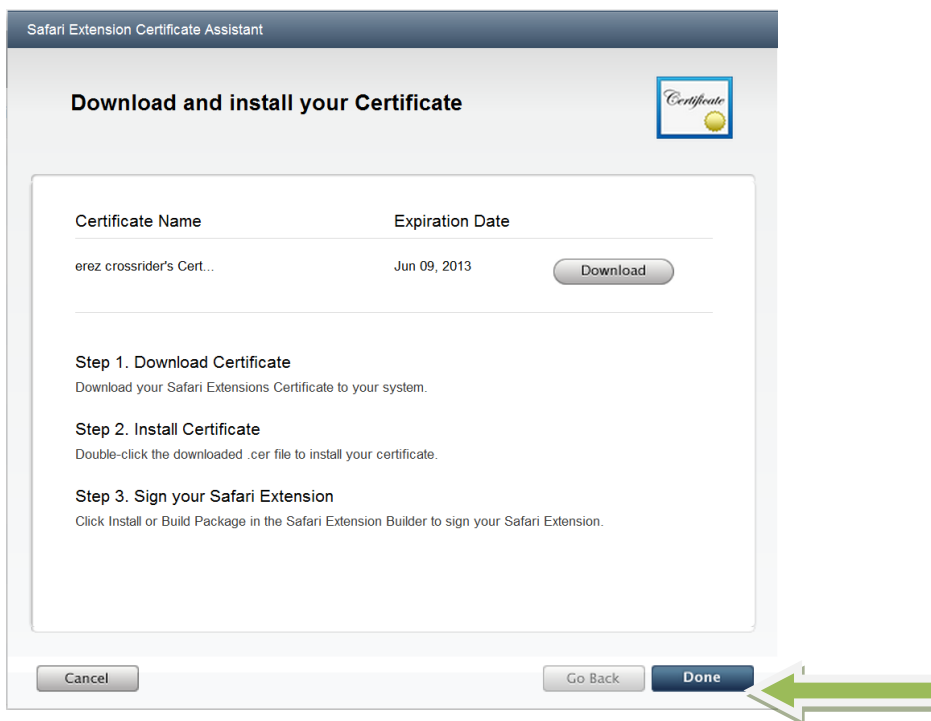
11. On the [Submit Certificate Signing Request](#) page, click [Choose File](#) and in the dialog box that opens, select the *newcsr.pem* file, and then click [Generate](#).



12. Once the certificate is generated, on the [Generating your Safari Extension Certificate](#) page, click [Continue](#).



13. On the [Download and Install your Certificate](#) page, click [Download](#) and in the dialog box that opens, specify a file name, and then click [Save](#).



14. Install the certificate file on your computer (double-click the file you downloaded), and then return to your extension's IDE on [crossrider.com](#) and proceed with the steps on the [Safari Settings](#) page ([Settings](#) > [Safari Settings](#)).

Great! You now have a certificate file and can start having fun creating cool extensions for Safari.