

Updating

The Gorham Design Library: Gorham Annual Catalogs 1880 – 1909

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The Gorham Design Library CD-ROM set was published about 2003. This production of Newbook Inc. included some Java software and an index to help search the thousands of scanned pages.

Unfortunately, heightened concerns about the security of Java programs running in web browsers, as this software does, have made it impossible for the current programs to operate as intended.

In this update, I provide the files and instructions that I hope are adequate to make it operational again. This has worked for me on **Microsoft Windows 7** using **Firefox** version 34 and Java runtime version 7 update 67. I hope it works for you.

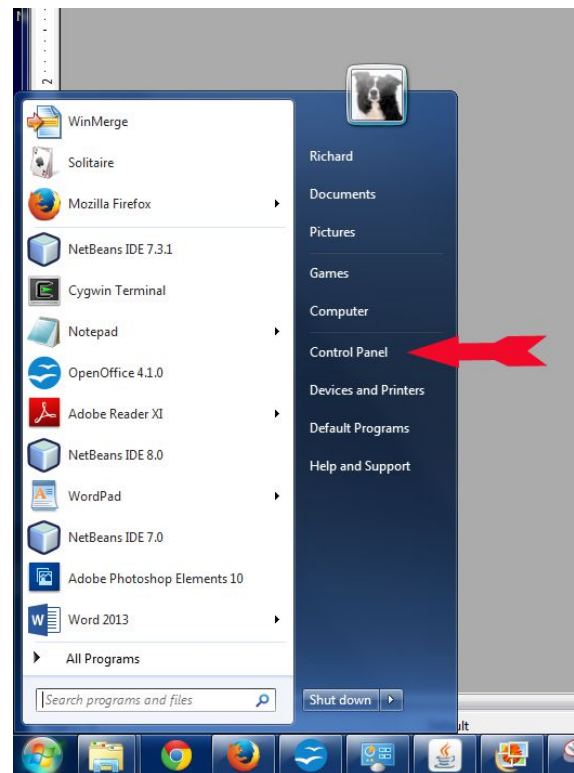
Step 0) You will need to copy Gorham Design Library Disk 1 onto a writable hard-drive if you have not already done so. This is because we will be replacing some of the files on it and can't write onto the CD-ROM.

The filename path to your copy should not have any components with a blank (“ ”) in the name. This has caused difficulty in the past and will probably continue to fail in the future.

Step 1) I am providing a Zip file. It contains a folder named **data** which contains five “.jar” files. Use these files to replace the five corresponding jar files in your Disk 1 hierarchy. Note that there are two files named **toctree.jar** and they go in different folders. (Don't worry about discarding the old files. As long as you still have your CD-ROM you'll be able to replace them if absolutely necessary.) This is the most important step.

Step 2) Bring up the Java control panel. Do this by bringing up the Windows Control Panel from the Start Menu.

When the Control Panel comes up, it will have a search bar in the upper right corner. Type **java** in the search bar and the Java control panel (named just Java) will appear. Double click on that and it will appear.



Step 3) The Java control panel has a series of tabs along the top. Click on the Security tab.

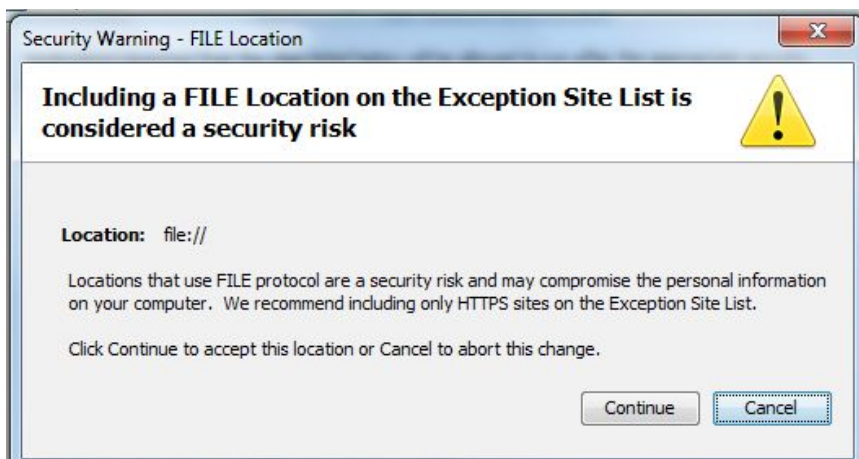
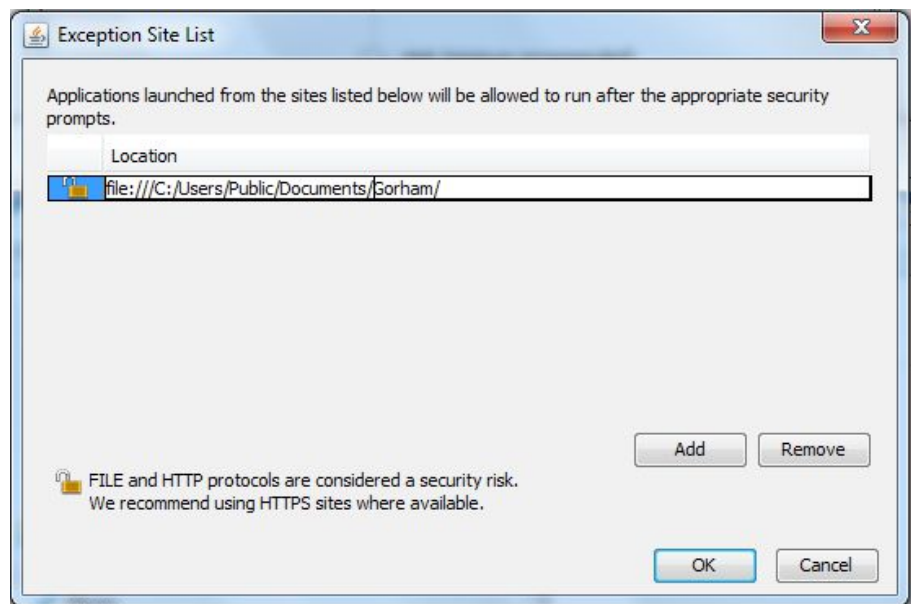
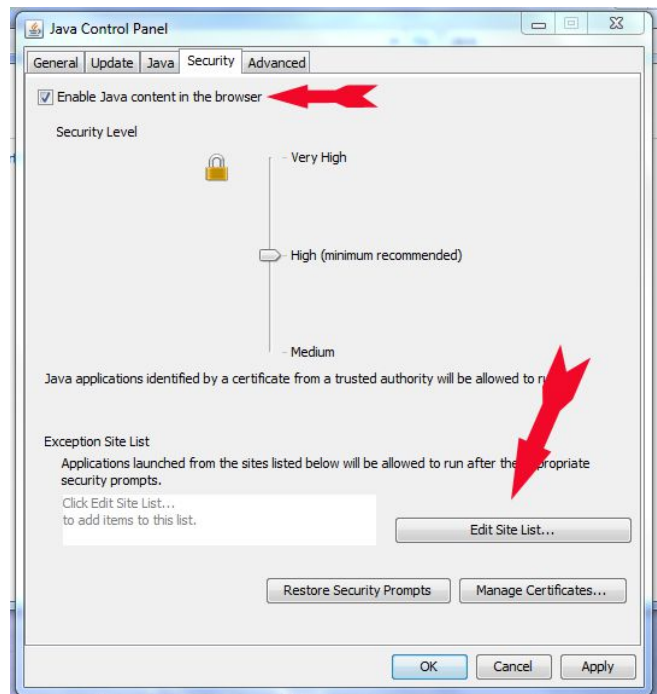
First, make sure that “Enable Java content in the browser” is checked in the upper-left corner of this tab.

(If your Security tab does not look like the illustration here, it will at least have the big slider in the middle. Slide it down to the “Medium” setting, click on the “Apply” button, and proceed to the next step.)

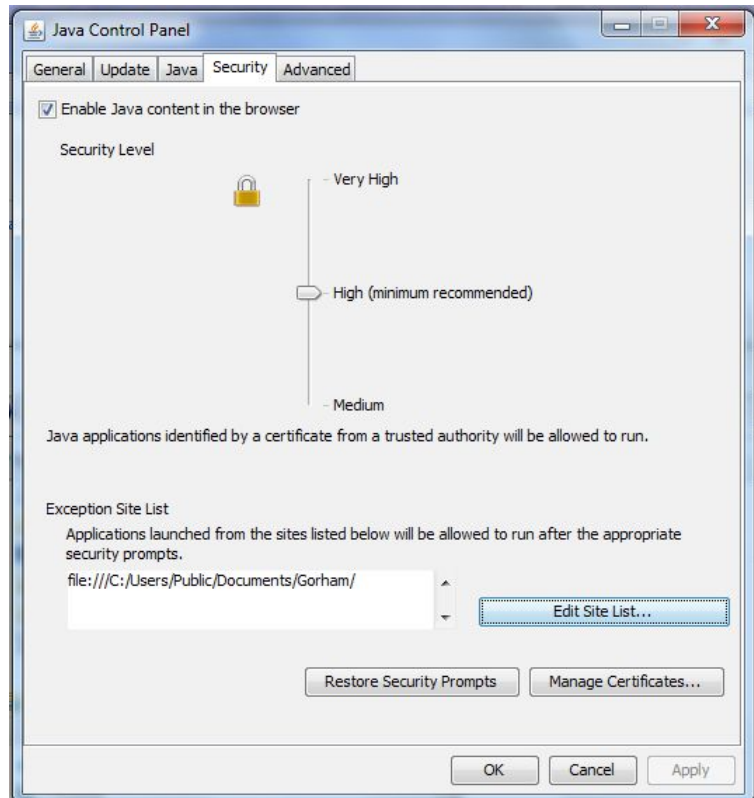
In this step, we are going to add the directory path of your Gorham catalog (in the form of a URL) to the exceptions site list. Click on “Edit Site List...” This will cause yet another window to pop up, the Exception Site List window.

Click on Add and in the space provided, type in the path to your Gorham catalog. This path will begin with file:/// and will use forward slash (/) separators as used in HTTP addresses. **It is very important that there is a slash at the end of this string!!!**

Click OK here, and you'll get a stern security warning, which you should ignore by clicking on Continue.



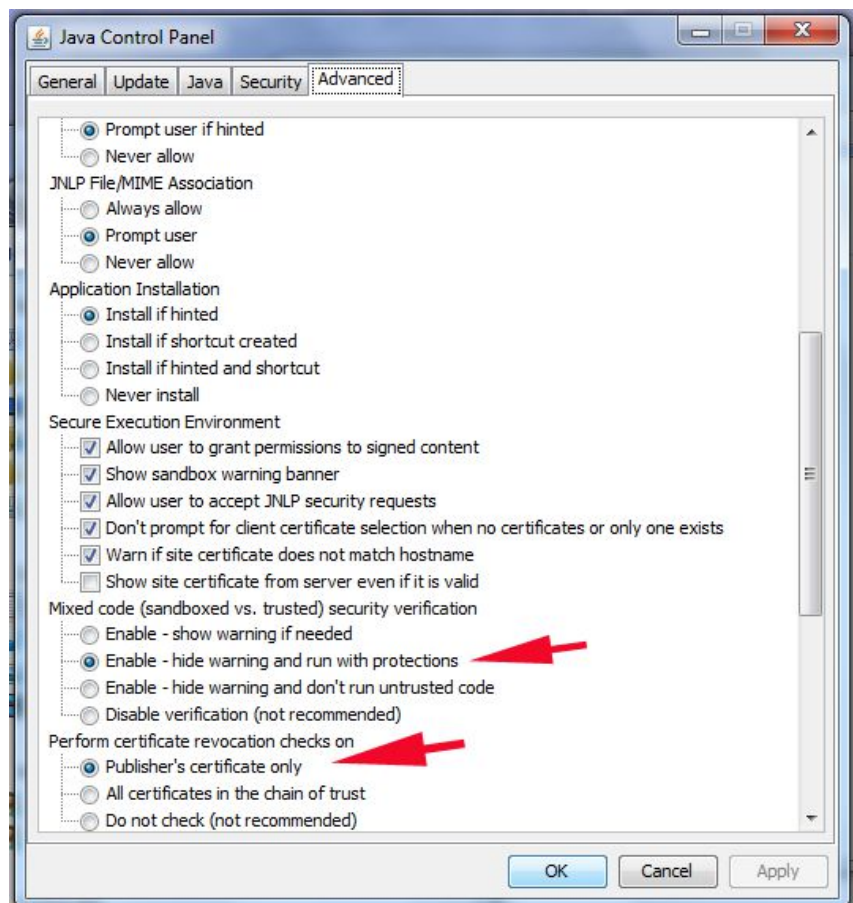
At this point, you should be back to the Java control panel's Security tab, and your path should show on the exception list, as shown here. Click on Apply and continue to the next step.



Step 4) **I believe this step is optional. If you change these settings, your system will be more vulnerable to certain rare types of security breach. If you choose not to change them, you will have more security warnings to click through each time you run the Gorham catalog software. The choice is yours.**

Click on the Advanced tab of the Java control panel. Scroll through the many many buttons until you see Mixed Code (sandbox vs. trusted). Choose "Enable – hide warnings and run" as shown here. (You could also select "Disable verification". They both seem to work).

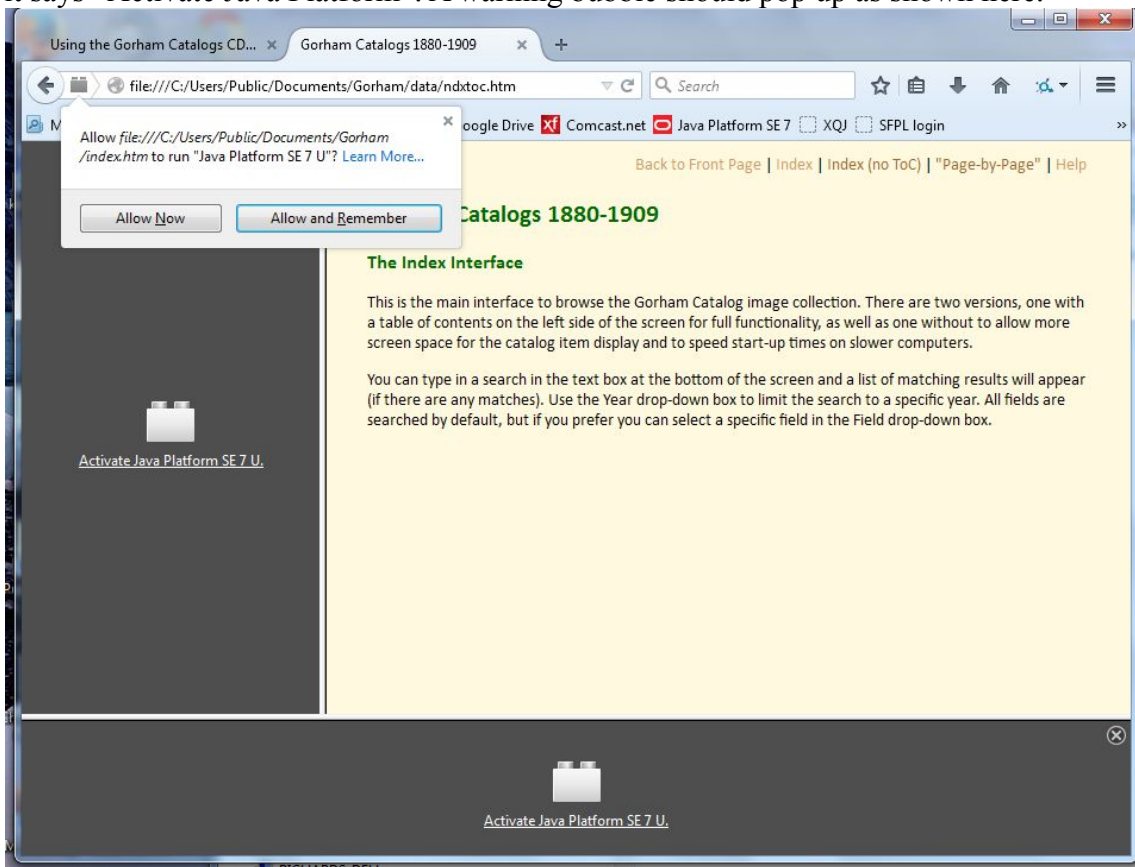
And while you're here, change "Perform certificate revocation" check to



“Publisher's Certificate Only”.

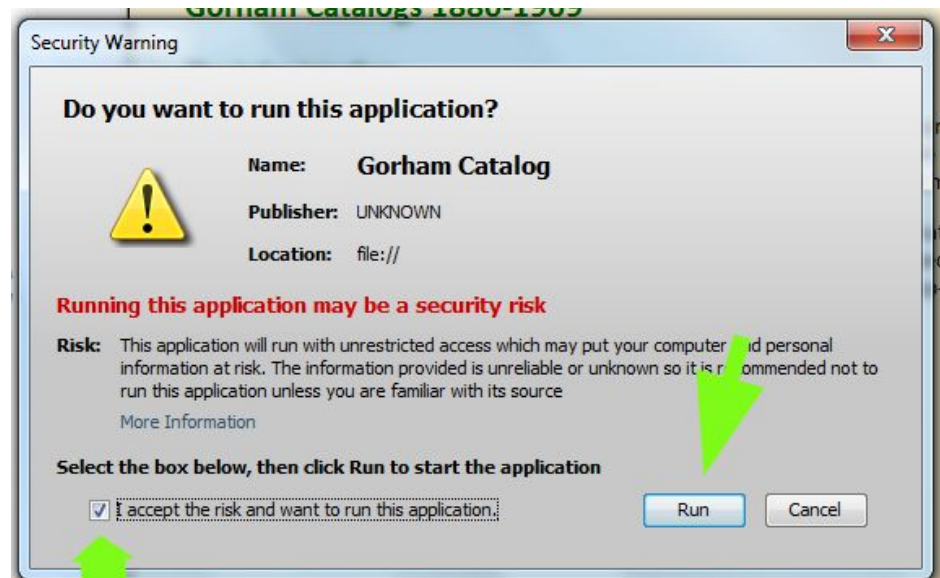
Click on OK to leave the Java control panel.

Step 5) *Finally we get to use the browser!* Open the Gorham catalog's index.htm file using Firefox. Click on one of the index links in the upper right-hand corner. You should see the familiar 2- or 3-part layout, but without any of the active Java frames running. Click on one of the places where it says “Activate Java Platform”. A warning bubble should pop up as shown here.



Click on “Allow and Remember”. You should have to do this only once.

Step 6) Every time (approximately) you want to run the Gorham catalog, you will get a popup warning such as this. You must check the box labelled “I accept the risk” and click Run. **YOU SHOULD NOW BE RUNNING SUCCESSFULLY.**



Debugging Hints

A couple of things we've learned from experience:

- 1) If you get a security message from the browser in step 5 above and cannot continue, it is likely that you spelled the name wrong in the Exceptions Site List from step 3. Remember that it has to look like a URL and that it really has to have a trailing slash (“/”).
- 2) If you get past the warning in step 6, yet things are not working, you can get extra information from the Java Console. This may or may not appear as an extra window lurking beside your browser when you start the Java program. If it does not, here's how to get it:
 - a) bring up the Java control panel as in step 2 above. Click on the Advanced tab as in step 4 above.
 - b) under “Java Console” make sure that “Show Java Console” is selected, as shown here.
 - c) click the OK button, which should dismiss the Java control panel.
 - d) restart Firefox to enable this new setting.

When you navigate to the Gorham catalog as in steps 5 & 6 above, you should be able to see the console, and it may have some information that you can use (or at least something that you can report to me).

The Java Console looks like the illustration at the bottom of this page.

