Java 8 update 60 Security Settings Change: Macintosh

With the new Java 8 update 60, Physlets will run with the (a) High security setting in the Java Control Panel or (b) adding the domain of the material into the Java Control Panels list of trusted sites.



1. Go to the Oracle Java site,

http://java.com/en/download/

and download the JRE for Macintosh.

- 2. Install Java by double-clicking the files you have downloaded.
- 3. In order to run Java, the security setting must be set to High (which it is by default). To check, navigate to the **Dock**, then **System Preferences** (it will look like the above image). Click Java (near the bottom) and then select the Security tab. Click Java and then select the Security tab.

Java Control Panel						
General Update Java Security Advanced						
Enable Java content in the browser						
Security level for applications not on the Exception Site list						
🔘 Very High						
Only Java applications identified by a certificate from a trusted authority are allowed to run, and only if the certificate can be verified as not revoked.						
• High						
Java applications identified by a certificate from a trusted authority are allowed to run, even if the revocation status of the certificate cannot be verified.						

4. Now reload a Physlet-based page in a Java-enabled browser (Safari or Firefox). The first time a Physlet loads you will likely get a dialog stating its authenticity, click accept and the do not show this again checkbox. The Physlet should now run.

5. In order to add a trusted site, navigate to the **Dock**, then **System Preferences** (it will look like the above image). Click Java and then select the Security tab.

		Java Control Panel				
	General	Update	Java	Security	Advanced	
🗹 Enable Jav	a content in th	e browser				
Security leve	l for applicatio	ns not on t	he Exc	eption Site I	ist	
🔿 Very Hig	gh					
Only Jav allowed	a applications i to run, and only	dentified b y if the cer	y a cert tificate	tificate from can be verif	a trusted authority are ied as not revoked.	
📀 High						
Java app to run, e	lications identi ven if the revoo	fied by a co ation state	ertificat us of th	te from a tru e certificate	sted authority are allowed cannot be verified.	
Exception Si	te List					
Applicatio appropriat	ns launched fro e security pron	om the site opts.	s listed	below will	be allowed to run after the	
http://com http://web	oadre.org ohysics.davidson	.edu		1	Edit Site List	
http://www	.computite.org					
http://www	computitiong					

6. Click on the **Edit Site List** shown above. In the Exception Site List click **Add** and type the following URL into the location textbox

http://www.compadre.org

followed by clicking **Add** again, then the **Continue** button in the warning dialog. Repeat this process for any other sites you want this security setting for.

7. Now reload a Physlet-based page in a Java-enabled browser (Safari or Firefox). The first time a Physlet loads you will likely get a dialog stating its authenticity, click accept and the do not show this again checkbox. The Physlet should now run.