onfiguring Java

Once the software is installed, prepare the computer for the Web-client work by doing the following:

- 1. configuring Java;
- 2. configuring browser;
- 3. configuring Windows OS.

Configuring Java

In order to prevent problems in the work of Java, it is recommended to lower the security level to medium or high, depending on the company internal security policy. To do this:

On this page:

- Configuring Java
- - - Google Chrome Mozilla Firefox
- Configuring Windows OS
- 1. open Windows Contol Panel Java Control Panel Security (Fig. 1.1);
- 2. move the security level on the scale to the level medium or high (Fig. 1.2);
- 3. click OK to apply the settings (Fig. 1.3).

<u>\$</u>	Java Control Panel	-	□ ×
General Update Java Security Ad	vanced		
Enable Java content in the browser			
Security Level			
<u></u>	- Very High		
	High (minimum recommended)		
2			
lava applications identified by a certif	Medium	e allowed to run	
Exception Site List			
Applications launched from the site security prompts.	s listed below will be allowed to run	after the approp	riate
Click Edit Site List to add items to this list.		Edit Site List	
	Restore Security Prompts	Manage Certifi	cates
	3 Ок	Cancel	Apply

Fig. 1 – Java security configuration

Configuring browser

Internet Explorer

To enable Java in Internet Explorer:

- 1. go to menu Tools Internet Options;
- 2. open the Security tab and click the Custom button;
 3. find Scripting of Java applets (Fig. 2.1);

Security Settings - Internet Zone		
Settings		
 Enable Allow websites to prompt for information using scripted winds Disable Enable Enable Scripting of Java applets Disable Enable Prompt 		
 User Authentication Logon Anonymous logon Automatic logon only in Intranet zone 		
*Takes effect after you restart Internet Explorer		
Reset custom settings Reset to: Medium-high (default) Reset		
2 OK Cancel		

Fig. 2 - enabling the applet in Internet Explorer

- 4. check the box next to Enable;
- 5. save settings by clicking **OK** (see Fig. 2.2).

Google Chrome

To enable Java in Google Chrome:

1. enter about:plugins. in the address bar. This opens the Plugins form (Fig. 3);

★ Plug-ins × ►	
← → C C chrome://plugins	☆ =
Plug-ins	
Plug-ins (6)	🕀 Details
Adobe Flash Player - Version: 12.0.0.44 Shockwave Flash 12.0 r0	
Disable Always allowed?	
This plugin allows you to securely access other computers that have been shared with you. To use this plugin you must first install the <u>Chrome Remote Desiston</u> we Despine Always allowed?	ebapp.
Disable Aways allowed?	
Native Client	
Disable Always allowed?	
Chrome PDF Viewer	
Disable Always allowed?	
Java(TM) - Version: 10.51.2.13 Next Generation Java Plug-in 10.51.2 for Mozilla browsers	
Disable 🗹 Always allowed?	

Fig. 3 - enabling the applet in Google Chrome

- 2. find the Java module in the list. If Java support is disabled, the Enable button will be active;
- 3. click Enable to enable the use of Java.

It is also recommended to check the Always allow box to disable informational messages that pop up in the browser when running Java.

Mozilla Firefox

To enable Java in Mozilla Firefox:

- 1. launch Mozilla Firefox (restart if already running);
- 2. click Firefox (or go to the Tools menu in Windows XP). In the shortcut menu, select Add-ons Plugins;
- 3. find the Java (TM) Platform module in the list (Fig. 4.1);

Mozilla Firefox Start Page	× 🚓 Add-ons Manager × +	
e >		Search all add-ons
	Check to see if your plugins are up to date	
📥 Get Add-ons	Google Update 1.3.22.3	Always Activate 🔻
💼 Extensions	Java(TM) Platform SE 7 U51 10.51.2.13 Next Generation Java Plug-in 10.51.2 for Mozilla browsers More	Ask to Activate
🚆 Plugins		2 Never Activate
Services		

Fig. 4 – enabling the applet in Mozilla Firefox

4. check Always enable in the drop-down list (Fig. 4.2).

Configuring Windows OS

The work of Java can be blocked due to Windows settings. Presumably Java can be blocked by an anti-virus program. In this case, go to the advanced settings of the anti-virus to add Java to trusted applications, specifying the path (for example, C:\Program Files (x86)\Java\jre7\bin\java.exe). It is also recommended to disable browser traffic check, which interacts with Java for supporting the work of Web-client.

To exclude the possibility of blocking the application it is necessary to lower the security level of Windows. To do this, go to **SettingsUser Account Control Settings** (Fig. 5 and 6).



Fig. 5 – User accounts

Fig. 6 – changing user account settings

Then lower the security level (Fig. 7.1) and click OK (Fig. 7.2) to apply settings.

0	😵 User Account Control Settings – 🗆 🗙		
	Choose when to be notified about changes to your computer		
	User Account Control helps prevent potentially harmful programs from making changes to your computer. <u>Tell me more about User Account Control settings</u>		
	Always notify		
	 Notify me only when apps try to make changes to my computer (do not dim my desktop) 		
	Don't notify me when I make changes to Windows settings		
	1 1 Not recommended. Choose this only if it takes a long		
	— — time to dim the desktop on your computer.		
	Never notify		
	2 Cancel		

Fig. 7 – security configuration

Next, you need to install the Java API.

« Previous step Next step »