

## Thinsia tips readme English

The Thinsia virtual world is a heavy application with a build in web-server, data-server, application server, gaming engine and a sophisticated sound system. Your computer must be updated and clean, to be able to use Thinsia. You need also a headset and a good cable internet connection. You need a mouse for right clicking.

Thinsia is one of the heaviest applications in the world, therefore it is possible to have many sophisticated and powerful features. The Thinsia sound system is so advanced compared to sound systems of Second Life and OpenSim, that several people wrote their dissertation about it!

What to do to update and clean your computer?

You can install java from the link from the [WonderSchool](#) web site:

Click on [WonderSchool demo server](#) under the „launch“ button there is a „get java“ link. You then have to add the Thinsia virtual world server address (<http://91.192.38.70:8080/wonderland-web-front/>) to the list of Java security exceptions.

Graphics cards in notebooks are not as good as graphics cards in standalone pc's,

In any case, the graphics card driver should be updated. When you do not do this, Wonderland will not work. Thinsia uses a technology called OpenGL 2.0 which is hardware accelerated graphics rendering. Standard Windows graphics card drivers do not support this. Therefore you should download the graphics card driver from your manufactory's website, for example NVidia or Amd or Intel.

Windows 7 right click on desktop, screen resolution, advanced settings, here you see your graphics adapter, under properties, driver you see which graphics' driver you have installed.

Sometimes the installation of the new graphics driver does not succeed; a reason can be background applications preventing the update program to do its work. See below how to solve this.

The Thinsia client uses Java web start and Java, when other programs use Java at the same time the Thinsia client can crash.

Also when malware is eating internet bandwidth and local RAM then the Wonderland client can crash.

Malware: for viruses you have a virus scanner, for all other malware there is Spybot search and destroy. Yes you need it. You can download this free tool for example [here](#)

Install Spybot execute the SpyotsSD3.exe  
next next next agree install finish

In the Start Center (Spybot Search and Destroy)  
Update show files that need updating update

In the Start Center (Spybot Search and Destroy)  
right clck Immunization run as administrator yes  
right click on an unchecked box, select all, apply immunization  
this will take some time

In the Start Center (Spybot Search and Destroy)  
System scan start scan, this will take some time

Click “fix selected” to clean.

Update, immunize and search and destroy once a week.

A good free anti-virus program is AVG.

How to get rid of unnecessary background programs:

On windows 7 click start, in the search box enter “msconfig”then “enter”, in the msconfig window goto startup

Here you see many apps loaded at startup, remove all of them  
exept Spybot and your virusscanner.

Have you followed these recommendations, your computer is much faster, for free!

What to do when the Thinsia client crashes?

Of course you have followed the above recommendations.

When your Thinsia client crashes, you can start your task manager, processes, and look for javaw.exe

This is your client, click on “end process”

In the Wonderland login window at the bottom left there is a button “advanced”

Here there is an option “cash” and then “clear cash”

On your C:\ drive in the directory users/yourname there is a (hidden) directory called

.wonderland

You can delete this directory; it will be remade when you start your Thinsia client.

Instead of clicking the “Launch” button to start the Thinsia client, you can click on “test client” to test your computer. When you have any problems with Thinsia this is a good place to find out what is going on.

When you have a Mac, your graphics card driver, integrated in your Unix operating system, already supports OpenGL.

Not trivial is the use of Java on Mac, for questions please contact Thinsia.

For questions please feel free to email us at [info@thinsia.com](mailto:info@thinsia.com)