Darkstar usability: Week of 10/12/09

Akash and Rick were working on client side code so they do not have any new things to report. Once again John was tied up doing administrative work on the project as well as working on the Darkstar – Panda integration, so he also has nothing new.

Ya-Ching

This weekend I have tried to use the eclipse to run the Darkstar project.
But I meet some problems. Hope you can help me solve them.

 Currently we use eclipse export the .jar file and use command line to
execute the jar file. However, sometimes we need to export hundreds time
a day to find a bug. For debug, exporting jar file and executing it
takes a lot of time.

 So I try to use eclipse to run the Darkstar. I almost succeed. Only one
thing I still don't figure out. I don't know where the database folder
is. Every time we run the jar file, the system will generate a folder
under sgs-server/data/ directory. But I can't find any folder in the
same place.

 Besides the folder problem. I don't know how to stop the server
application by eclipse because I can't use sgs-server/stop-bootjar to
stop the server. If I use eclipse to stop the server application, there
would be some warning or error message appears in command line window
when I run the server application again by eclipse.

 Following are the steps to set up the environment and run Darkstar by
eclipse:

Works for both Mac and Windows

1. file->new->Java Project, than your project will appear in the left-hand
side panel
2. put all your .java files under /src folder
3. go to the sgs-server-dist-0.9.x/conf/
4. create a .properties and .boot file
5. go back to eclipse, select your project in the left-hand side panel
6. project->properties
7. in Properties window, select "Java Build Path"
8. select Libraries tag, and click "Add External JARs..."

9. select all the .jar files under sgs-server-disk-0.9.x/lib/
10. select "Run/Debug Settings"
11. click new, create a Java Application
12. In "Main" tab:
  - Main class, enter: "com.sun.sgs.impl.kernel.Kernel"
  In "Arguments" tab,
  - Program arguments, enter the path of your .properties file
  - VM arguments, enter: -Djava.library.path= your path
+"sgs-server-dist-0.9.x\lib\natives\win32-x86
  ok, then ok

Lynne

Last week I worked on implementing Minigame interface, MinigameManager
class , and Game class which implements Minigame interface. So far I am
comfortable with using Darkstar server and object-oriented design of java,
which is quite convenient for developing server framework. However, we
have to export .jar file every time then compile java file by using
command line. It's a bit time consuming. I hope there is another way to
compile our java code.