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## Elona on HSPlat

This is the README file for Elona 1.22 on HSPlat Pre-Alpha 2.

### Introduction

Happy Holidays! Pre-Alpha 2 is a release which fixes a few bugs found in Pre-Alpha 1. Like Pre-Alpha 1, this is a snapshot of the current work on the Elona on HSPlat project. For a historical perspective, take a look through [Releases/Readme-elona122-prealpha1](#).

### What's new?

- Changesets 844ee4b5afbe and 2fafd62ed684 broke pretty much everything related to integer arrays. Changeset b42e07c27698 attempts to fix it.
- Changeset ae77214310fd worked-around the URI double-escaping bug.
- Changesets a6efa7f9bae5 and ecda919f525a adds a layer of indirection for accessing the Context associated with the current Operand.
- release.cmd no longer relies on REG.EXE being in PATH to query the system registry for an installation of Java; instead, REG.EXE is selected via %WINDIR%\System32\reg.exe.

### Bugs / RFEs / Unimplemented Features

Expect PA2 to contain bugs and unimplemented features. Many of these unimplemented features (for example, DirectSound, DirectMusic, auto numlock support, water effects, etc.) are already known. PA2 includes a configuration file (config.txt) which permits Elona to run with a sane set of default options that avoid unimplemented features.

There are no differences in config.txt from PA1. Saves which are made with PA1 or saves that are compatible with 1.22 should be compatible with PA2.

### Contributing

Feel free to contribute by updating the wiki at <http://elonadev.myxwiki.org/> to document unimplemented features.

## Discussions

Discussion should be directed to the [Continuation Project topic](#) in the Elona forum. Bugs can be posted to the Redmine installation at [HostedRedmine](#).

## Filing Issues

There are several categories for issues:

Type	Description	Project name	URL
Elona-specific	These issues can be reproduced in the original builds of Elona that do not run on HSPlat. Examples include the well-known Blackjack bug in Elona 1.22, eating Maintains Luck items resulting in a crash, etc.	elona	<a href="https://www.hostedredmine.com/projects/hsplat/issues/new">https://www.hostedredmine.com/projects/hsplat/issues/new</a>
Elona on HSPlat	These new issues created by running Elona on HSPlat that cannot be reproduced in the original builds of Elona. You are most likely to interact with this project. If you aren't sure where a particular bug belongs, it probably belongs here.	hsplat-elona	<a href="https://www.hostedredmine.com/projects/hsplat-elona/issues/new">https://www.hostedredmine.com/projects/hsplat-elona/issues/new</a>
HSPlat	These are issues within the HSPlat engine itself. Typically, these are bugs promoted from the Elona on HSPlat project, though this may also include global feature requests from other HSPlat users.	hsplat	<a href="https://www.hostedredmine.com/projects/hsplat/issues/new">https://www.hostedredmine.com/projects/hsplat/issues/new</a>

Issues start out in a triage area for confirmation before they are promoted to bugs.

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The official URL of the Java printf() site is <http://www.braju.com/>

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## QuickStart

Download <http://noaneko.squares.net/dev/elona122.zip>.

Extract elona122.zip.

Extract elona122.j-pa2.zip to the same directory as elona122.zip.

Double click on release.cmd.

## What's this?

Elona on HSPlat brings Elona to the Java platform through the HSPlat framework.

This package only includes the code to run Elona 1.22 on HSPlat and its configuration data.

Elona on HSPlat does not come with the resources required to play. You must extract the contents of this package into a directory containing Elona 1.22.

You can obtain this package from Noa's website:

<http://noaneko.squares.net/dev/elona122.zip>

## Platform Requirements

You need Java 1.7.0 or later to run Elona on HSPlat. You can download Java here:

<http://java.com/en/>

Elona on HSPlat has been tested on Windows. Linux support is incomplete, and Solaris, BSD, and OS X have not been tested. You are encouraged to test other platforms to report success and failure.

## Running Elona on HSPlat

Extract both the release archive and elona122.zip to the same directory. Run release.cmd to start Elona on HSPlat.

As with any other software, you should keep a backup copy of all your files before running Elona on HSPlat. We cannot be held responsible for any damages to you or your property caused by anything you do with this software. Be sure to back up your saved games before running Elona on HSPlat.

## Acknowledgements

Thanks for all of those who have supported this effort.

Special thanks to Noa, Kejardon, Doorknob, Daedric, Fellstar, Chrusable, sxu, JammyHammy; thanks to BitBucket / Atlassian for hosting this project, and the XWiki team for hosting the wiki for this project.

Be sure to thank our early testers for volunteering their time and providing their input.

## What's Next?

- Testing on more platforms (Mac, Linux, Solaris, \*BSD).
- Elona+, ELM, OreHack, Elona 1.16xmas on HSPlat
- Bypassing and rewriting Elona's original code entirely ; )

## **Known Issues**

- Certain path information (tmp directory) is incorrect when run on Linux
- Graphics rendering performance is slow (though better than Elona under Wine on Linux)
- DirectSound/DirectMusic is unimplemented
- DirectInput (gamepad/joystick) is unimplemented
- Network access (chat and vote) is unimplemented
- Water effect is unimplemented
- Graphics corruption in introduction screens
- Graphics corruption on non-default window sizes in title screen
- Auto numlock is not supported
- Shadows (elona.dll:grotate) are still not quite right
- HSPlat does not handle spaces in file paths.