



Ultima Online Screenshot Utility

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Version 1.10E

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This is a software to capture the screen of Ultima Online which is the world-wide online RPG produced by ORIGIN.

- * This is the **FREEWARE**.
- * All rights reserved. 1997 Katsuyuki Namba
- * Don't copy ZIP file into your Homepage without my permission.
- * You can use the captured graphic files freely (e.g. on your Homepage).
- * If you please, introduce UOSU on your Homepage.
- * Then, Link to "<http://www1.harenet.or.jp/~katuyuki/special2/english.htm>".
- * A latest version will be available at that Homepage.
- * UOSU uses the JPEG Encode/Decode DLL produced by K.Nishita.



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Features

(1) Press a simple key to capture screen

Press a simple key you like to capture the game screen and save as a JPEG format file. You can take full-screen shot with “Print Screen” key.

You can select a hot key from several keys. Select the key that will not disturb you while you are fighting with monsters.

(2) Automatically saving as JPEG files.

As you know, Ultima Online is running at 16 bit color environment. A fullcolor bitmap file(640 x 480) is as large as 1 megabytes per 1 file. Then UOSU use JPEG file to save the captured graphic file. JPEG is good at compressing a fullcolor image, for example 70 - 200 kilobytes per 1 file. The file size will change according to compression rate (JPEG quality).

(3) Sequence photographs up to 3 shots.

UOSU encodes JPEG files as a background thread, then it will not affect a foreground application (i.e. Ultima Online).

But encoding JPEG files is a little bit hard task, it is not practical to encoding many JPEG files at the same time. Then UOSU encodes a JPEG files one after another up to 3 files.

(4) Option : crop a title bar.

When you play UO as a window mode, you can capture the UO window without a title bar like a full-screen mode.



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How to use

(1)Install

Extract files from ZIP file into a same folder. There are 2 DLL files. DLL files are invisible in an Explorer window at default settings. So please take care of DLL files when you copy files to another folder.

(2)Run

Run the executable file, and configure the screenshot folder, the quality of JPEG file, and a hot key. You can create a new folder by right click on the folder tree.

(3)Capture

Hot Key (you selected) : capture the active window.

Print Screen : capture the fullscreen.

Alt + Print Screen : capture the active window.

The latter 2 keys are the same as Windows 95 system capturing function.

HINT : Observation the clipboard updating

UOSU is observing if the clipboard updating. When an application copies a graphic files to the clipboard, UOSU will automatically save it as a JPEG file.

HINT : process to encoding JPEG files

UOSU makes BMP files before encoding JPEG files. Then you'll need about 5MB HDD space. These BMP files will be deleted when JPEG encoding is finished.

The name of JPEG file (prefix and suffix) is configured as you like.



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UOSU processes JPEG encoding as another background thread. It handles one file at one time, and up to 3 files one after another.

NOTE : Compression Rate and Quality

JPEG format is suitable for compression of fullcolor graphic files. It is IRREVERSIBLE compression, so it lose some quality. The stronger compression, the smaller file size and lower quality. The slighter compression, the larger file size and higher quality.

With UOSU, you can configure the quality 5% - 100%.

- 100% Maximum quality. Suitable for printing or some use. But a file size isn't small.
- 75% Standard quality. The best balance between file size and quality.
- 30% Minimum quality. It is the lowest to watch and very good at a file size. But the quality is rather bad. Use for some Homepage where file size is more important than quality.
- 5% Nothing but a joke.

HINT : JPEG Quality

For example, you want to use the screenshot in your homepage, you should trim it and try to decrease file size and the time for downloading. When you edit a screenshot after capturing, it is better to capture at higher JPEG quality, because JPEG is irreversible. That is no sense to save as 70% JPEG file after capturing as 30% JPEG file. And it is almost same between 30% after 100% and 30% after 50%.

You carefully set the quality of capturing.

(4)Quit

Push close button of the UOSU window. After all encoding is finished, UOSU will quit.



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Special Thanks to...

K.Nishita, who is a producer of JPEG encode / decode DLL (freeware).

Ultima Online Developing Team of ORIGIN.

miksha, who told me that UO couldn't capture the screen itself at the chat room in Ultima Online Homepage.

All users, who tested this software and report bugs and feeling to me.

Especially Hayate@EV, who told me the significant bug and weak point of UOSU.

At last, our honorable king Load British and people in Britannia.

Condition

This software works on Windows 95 / Windows NT.

This software is a FREEWARE.

All rights reserved. Copyright 1997 Katuyuki Namba.

You can use screenshots freely, i.e. for homepage or publishing.

This software will be updated without notice.

Copyright ... etc

All rights reserved. Katsuyuki Namba (katuyuki@harenet.or.jp)

You can't recompile, reproduce and copy it to other homepage.

You can't use it on business without permission.

JPEG Encode / Decode DLL. All rights reserved. K.Nishita

I won't take responsibility for any trouble which happens in using this software.



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History

97/8/21	0.99 beta
97/8/22	0.99 beta 2 The configuration of key assign was available. Add "crop a title bar" option.
97/8/22	0.99 beta 3 Ensure the cropping process.
97/9/27	0.99 beta 4 Fix the bug that JPEG encoding thread is not released. Decrease load to system from 20-30% to under 1%.
97/9/30	1.00 English version is available.
97/10/5	1.01 Fix the bug that it don't save settings under Win95(E)
97/10/12	1.10 Prefix and Suffix of filename can be configured.

Get The Latest Version at ...

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<http://www1.harenet.or.jp/~katuyuki/special2/english.htm>

JPEG Encode / Decode DLL

<http://einstein.ae.eng.ua.edu/nishita/index.htm>

Ultima Online Homepage

Ultima Online Official Site

<http://www.owo.com/>