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Subject: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Tue, 19 Dec 2023 21:49:38 GMT  
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Hi,

I am happy to announce that I have finally made the Bobcat terminal emulator public.

While the foundations (U++ & TerminalCtrl) are solid, the app itself is new (and Bobcat is also meant to be a U++ tech demo), It is still under development, and the github repo is under construction.

Stay tuned for more news.

8)

Happy new year to everone!

Best regards,

Oblivion

#### File Attachments

1) [bobcat-far-manager-windows.png](#), downloaded 884 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [koldo](#) on Wed, 20 Dec 2023 09:57:25 GMT  
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Very interesting.

In terms of using your programme, what are its advantages over the Windows terminal?

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Thu, 21 Dec 2023 12:19:19 GMT  
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Hello Iñaki,

For one, the underlying vte(TerminalCtrl) is much more powerful (in terms of vt compatibility and recognized escape sequences, including mouse i/o). This is especially important if you are using WSL or working on a remote connection to linux machines, where many console applications exploit the VT sequences. Bobcat is basically like having a modernized xterm on Windows (as you might already know, TerminalCtrl has a very high score on that -xterm & DEC/ANSI- compatibility scale.)

Unlike Windows Terminal (AFAIK), it can also run on Windows 7 & 8, if the latest U++ still can (didn't try to run it on Win < 10 since the end of 2022).

It has a much smaller memory footprint.

But let's change the question a little bit: What would you like to see implemented?

I am open to suggestions and feature requests.

In the meantime, I am going to add an Upp::Esc (not to be confused with ESC sequences) based macro system (for automation) and a "lite" plugin system for expansion.

Also when I finalize the first release of Bobcat, I am going to publish its sibling: Tomcat (a dedicated SSH terminal, which will have a virtually identical UI & interchangeable profiles etc.).

Best regards,

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [koldo](#) on Fri, 22 Dec 2023 08:03:22 GMT

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in colour and simple .bat files.

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Tue, 26 Dec 2023 18:39:06 GMT

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Hi,

Bobcat has gained a navigator.

What is navigator?

Bobcat uses a stack-based interface (instead of tabs), so only one terminal is visible at a time and

terminals can be navigated using the arrow & hom/end keys AND/OR terminal menu. This is to reduce UI clutter.  
But sometimes the users might want to see an overview of the open terminals. Navigator does just that. It shows an overview of all the open terminals and lets basic actions on terminals via the overviews.

A screenshot:

Best regards,  
Oblivion

### File Attachments

1) [bobcat-navigator.png](#), downloaded 852 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Mon, 01 Jan 2024 10:21:38 GMT  
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Happy new year to everyone!

Another round of updates for Bobcat is here.

- 1) Navigator is refactored & improved.
- 2) Command line handling is improved and options are expanded, as follows:

Usage:

bobcat [OPTIONS] -- [COMMAND...]

General options:

-h, --help	Show help.
-l, --list	List available profiles.
-p, --profile PROFILE	Run with the given PROFILE (Names are case-sensitive).
-s, --settings	Open settings window.
-b, --show-bars	Show the menu and title bar.
-B, --hide-bars	Hide the menu and title bar.
--show-menubar	Show the menu bar.
--hide-menubar	Hide the menu bar.
--show-titlebar	Show the title bar.
--hide-titlebar	Hide the title bar.

Environment options:

-k, --keep	Don't close the terminal on exit.
-K, --dont-keep	Close the terminal on exit.

-n, --no-environment      Don't inherit the environment.  
-d, --working-dir PATH      Set the working directory to PATH.  
-f, --fullscreen      Full screen mode.  
-m, --maximize      Maximize the window.  
-g, --geometry GEOMETRY      Set the initial window geometry. (E.g. 80x24, 132x24)

Emulation options:

-q, --vt-style-fkeys      Use VT-style function keys.  
-Q, --pc-style-fkeys      Use PC-style function keys.  
-w, --window-reports      Enable window reports.  
-W, --no-window-reports      Disable window reports.  
-a, --window-actions      Enable window actions.  
-A, --no-window-actions      Disable window actions.  
    --hyperlinks      Enable hyperlink detection (OSC 52).  
    --no-hyperlinks      Disable hyperlink detection.  
    --inline-images      Enable inline images support (sixel, iterm2, jexer).  
    --no-inline-images      Disable inline images support.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Mon, 01 Jan 2024 20:24:43 GMT  
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Hi,  
Bobcat is now available via UppHub.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Mon, 08 Jan 2024 23:39:19 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Hi,

Bobcat has gained a crucial feature: text search and highlighting:

This requires the latest version of TerminalCtrl that has search and highlight ability.

Currently it is a simple text search, but in the following weeks it will include other search types (regex, etc.)

Best regards,  
Oblivion

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#### File Attachments

1) [bobcat-finder-linux.png](#), downloaded 775 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Thu, 11 Jan 2024 23:18:46 GMT

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what are its advantages over the Windows terminal?

A further answer to this question would be that Bobcat will also include the "web" component (our TURTLE, of course).

I believe Windows Terminal - and most of them out there- still can't do this.

Deploy bobcat on your server, behind a login screen and access it anywhere, using any modern web browser.

Below is a screenshot of bobcat "on" gnome web and firefox.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [dolik.rce](#) on Fri, 12 Jan 2024 06:14:17 GMT

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Hi Oblivion,

I finally convinced myself to try Bobcat, after you added the makefile, which made it super simple for me (I don't have U++ installed, what a shame) :p

I have to say that it look and feels great! I've been thinking about using different terminal for quite a long time, but couldn't find any I'd really like, but Bobcat might be what I was waiting for.

While experimenting with it, I've found a couple small bugs and typos. Is it OK to just drop them in github issues? Or do you prefer some other communication (forum, PM, ...)?

Oh, and one more question: What is the file browser in the screenshot? It looks a little like nnn, which I sometimes use, but I've never seen it showing images.

Best regards,

Honza

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Fri, 12 Jan 2024 07:20:56 GMT

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Hello Honza,

Thank you very much for trying Bobcat and giving feedback! :)

It is a work in progress and I'd like to shape it according to our users' need, as it is intended to be both a standalone app and a tech demo for U++.

I'd highly appreciate feedback, bug reports, suggestions, and your opinion.

Please feel free to use github to submit any bug reports, enhancement request and further suggestions. I'll reply/look into them ASAP.

As for the browser: Ranger. It supports inline images via item2's protocol, which TerminalCtrl also supports.

Best regards,

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Thu, 18 Jan 2024 16:32:09 GMT

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Hi,

Another round of updates.

Many bugs have been fixed in both Bobcat and TerminalCtrl (Thanks Honza (dolik-rce)!)

Also Finder, the search bar of Bobcat, has received some significant upgrades:

- Finder is now a frame instead of a dialog. This way, each terminal can have its own search bar and settings.
- Three search modes are implemented:
  - 1) Case sensitive search mode.
  - 2) Case insensitive search mode.
  - 3) Regex-based (PCRE) search mode.

- All search modes have the ability to move among the found strings.
- Finder has its own keyboard shortcuts group in the shortcuts manager and each shortcut can be configured by the user.
- And lot more...

A screenshot of Finder, running on regex mode:

Best regards,  
Oblivion

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### File Attachments

1) [bobcat-finder-linux.png](#), downloaded 725 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 04 Feb 2024 15:28:59 GMT  
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Hi,

After some delay, Bobcat has gained a cool new feature: A customizable hyperlink maker called "Linkifier".

(Taken from the github):

- It is now possible to set multiple patterns to be detected and treated as hyperlinks.
- Linkifier has a per-profile settings. So in each profile the user can have different set of patterns. Patterns can be set via the profile settings -> Linkifier tab or directly via the .profile file.
- At this time the links are opened by the Upp's own launcher. But I have already made it possible to configure and set a separate command for each linkifier pattern. i.e. in the following days Bobcat will gain the ability to set the launcher per hyperlink pattern.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Thu, 15 Aug 2024 19:33:05 GMT  
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Here is a short video demonstrating the basic capabilities of Bobcat, the terminal emulator (based on TerminalCtrl):

<https://vimeo.com/999236026>

What is demonstrated in the video, you may ask?

- 1 - Running Doom in terminal emulator
- 2 - Navigating the open terminals, using the Navigator.
- 3 - Using the Finder to find text.
- 4 - Navigating through the open terminals using l/r keys.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sat, 14 Sep 2024 14:40:35 GMT  
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Hi,

Bobcat now officially supports Turtle (web) mode. Though, it is experimental.

If you are using UppHub, and TheIDE, just select the WEBGUI compilation mode via TheIDE.

If you are building it using the makefile, the following make command will create a TURTLE-based Bobcat.

```
make build-web
```

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sat, 12 Oct 2024 22:23:24 GMT  
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Hi,



With the refactored PtyProcess class of TerminalCtrl, Bobcat has gained a new feature, specifically in Windows environemnt:

- On windows, it is now possible to select a pty process type (either WinPty, or ConPty) for each profile, on-the-fly, and both pty implementations are available at the same time.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sat, 16 Nov 2024 12:15:42 GMT  
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Hi,

Since Bobcat ise getting closer and closer to its first release, it sure needed an icon.  
So here it is, Bobcat now officially has an icon!

:)

Notice that there is another goodie in the background that will be published (with TerminalCtrl's next release). It is called TerminalTools package.

As it names suggest, it was made for testing TerminalCtrl, but now I decided to publish it as a terminal tools package. It is pretty light-weight, yet it can be used to build text user interfaces (TUI), or prettify your console apps.

Stay tuned.

Best regards,  
Oblivion

#### File Attachments

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1) [bobcat - icon + terminaltools.png](#), downloaded 438 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sat, 30 Nov 2024 21:53:59 GMT  
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Hi,

Among many improvements before the official beta release of Bobcat (in binary, dist. package (AUR) and source form for Windows & Linux), here is a new one.  
Bobcat now uses MessageCtrl to utilize passive in-app notifications (note that stuttering is due to the gif, normally the animations are smooth):

Best regards,  
Oblivion

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### File Attachments

1) [output.gif](#), downloaded 411 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Tue, 17 Dec 2024 19:13:40 GMT

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Hi,

Bobcat Updated:

- Bobcat's Navigator is now using a dynamic layout.
- MacOS build errors fixed.
- Navigator items now display the status of the terminal on exit, using a simple blinking icon animation:
  - Question icon -> Terminal is asking for user input.
  - Exclamation icon -> Terminal command is failed and asking for user input.
  - Error icon -> Terminal command is failed. (non interactive)
  - Success icon -> Terminal command has successfully completed. (non-interactive)

Here's a gif:

Best regards,  
Oblivion

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### File Attachments

1) [bobcat-navigator.gif](#), downloaded 410 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Wed, 01 Jan 2025 11:49:23 GMT

Hi,

Bobcat has gained three little but useful feature:

- 1 - Selected terminal text is copied to Finder, if Finder is opened afterwards the selection.
- 2 - User can open the current working directory in the default file manager via a menu item or keyboard shortcut(default: Alt+Shift+O). This feature requires shell integration.
- 3 - It is now possible to toggle window frames (titlebar, borders, size-grip etc.). Suited for tiling window managers.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Thu, 02 Jan 2025 19:21:19 GMT  
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Well, I've looked into the latest hyped terminal in terminal "scene": ghostty.

It is definitely a good terminal with some good performance benchmarks, no doubt about that, since it uses shaders, while Bobcat don't.

Still, a basic find command on linux with same page and font size below is the average result of 10 repeats in scroll performance (command: time find /usr/share):

ghostty:

```
real  0m0,843s
user  0m0,217s
sys   0m0,626s
```

Bobcat:

```
real  0m0,788s
user  0m0,198s
sys   0m0,583s
```

While the memory consumption is:

ghostty: 158.8 MiB  
Bobcat: 20.3 MiB

Definitely, on some graphics performance ghostty will beat Bobcat, due to its direct access to

GPU (which I don't care, terminals don't really need 60FPS anyway) but I really do think Bobcat goes somewhat underappreciated, given its features and ease of use. :roll: :lol:

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 05 Jan 2025 22:11:57 GMT  
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Hi,

Bobcat's Navigator (overview mode) has gained some useful functionality and further polished.

1. Navigator: It is now possible to swap the position of terminals via overview mode. E.g. you can reorder them. (This functionality requires the updated StackCtrl, be sure to check it first).
2. Navigator: It is now possible to change key bindings of Navigator. ESC and RETURN are fixed keys. All others are (and will be) configurable.
3. Navigator: It is now possible to paste clips to terminals via Navigator. Just drag and drop your text & path onto the target terminal.
4. Navigator: Performance improvement by avoiding unnecessary synching the items.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Mon, 06 Jan 2025 21:30:42 GMT  
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Further Navigator refinements:

Navigator: Drop operations now highlights the target terminal.  
Navigator: Swapping terminals now show a cool slide animation.

DnD screenshot:

Best regards,  
Oblivion

## File Attachments

1) [Navigator-DnD.png](#), downloaded 299 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Tue, 14 Jan 2025 22:29:37 GMT

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Fun fact: If you are using the yazi command-line file manager on Linux, you can simply read (as is) your whole pdf files (not only previews) "in" Bobcat. 8)

Just enable the inline-images option and have fun.

Best regards,

Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Wed, 29 Jan 2025 23:30:47 GMT

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---

Bobcat, running yazi, a TUI file manager for linux/windows, in borderless/frameless mode (this mode is best suitable for tiling window managers):

Best regards,

Oblivion

## File Attachments

1) [bobcat-yazi-borderless-linux.png](#), downloaded 258 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [unodgs](#) on Thu, 30 Jan 2025 15:15:11 GMT

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Looks awesome! Congrats :)

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [chickenk](#) on Fri, 31 Jan 2025 09:53:04 GMT

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Hello Oblivion,

you already compared Bobcat to other Terminal emulators, thank you for these comparisons. I would love to see how it also compares to Terminology. I'm sure you can find the comparison interesting, and maybe there are some inspirations to take there!

Kind regards  
Lionel

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Fri, 31 Jan 2025 11:03:26 GMT  
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Hell Daniel,  
Quote:Looks awesome! Congrats Smile

Thanks, it is indeed getting better by the day. A good terminal emulator and U++ tech demo. :)

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Fri, 31 Jan 2025 11:12:11 GMT  
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Hello Lionel,

Quote:  
Hello Oblivion,

you already compared Bobcat to other Terminal emulators, thank you for these comparisons. I would love to see how it also compares to Terminology. I'm sure you can find the comparison interesting, and maybe there are some inspirations to take there!

Kind regards  
Lionel

I think it would be better if I compile some statistics across the terminal emulator "scene". Maybe I'll do that later. :)

As for Terminology, I'll do a more detailed comparison (feature set & performance) later, but here is a "sneak-peek" version:

I've run extremely demanding notcurses demos on both Bobcat & Terminology. Below are the results:

Note:

Page size, font (Maple mono) and font size (13) is the same for both of the emulators. However, it seems that Terminology doesn't support true color mode (or I couldn't find any settings for it), while Bobcat has true color mode. So, I have to run the benchmark/demo set in 256 color mode (TERM=xterm-256color):

Bobcat is on the left, and Terminology is on the right:

Also the average results of 10 rounds of "time /find/usr/share" command (write and scrolling performance, with a scrollbar buffer of 1024 lines on both terminal emulators):

Bobcat:

```
real 0m0,830s
user 0m0,188s
sys 0m0,632s
```

Terminology:

```
real 0m1,120s
user 0m0,159s
sys 0m0,710s
```

It is not bad, is it? :)

Best regards,  
Oblivion

## File Attachments

1) [bobcat-vs-terminoloy-notcurses-demos.png](#), downloaded 288 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Klugier](#) on Fri, 31 Jan 2025 13:50:20 GMT

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Hello Oblivion,

I just want to ask. Do you have any plans to create Flatpak for Bobcat? I think it will help with your application adoption and it can allow for easy installation on Linux. Publishing Flatpak on Flathub is not, so hard :)

Klugier

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Fri, 31 Jan 2025 17:16:15 GMT

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Quote:Hello Oblivion,

I just want to ask. Do you have any plans to create Flatpak for Bobcat? I think it will help with your application adoption and it can allow for easy installation on Linux. Publishing Flatpak on Flathub is not, so hard Smile

Hello Klugier,

Yes, I do have plan to publish a flatpak (also an AUR package, and a simple zip file for windows binaries). Since you are experienced in flatpak builds, I may ask for your help/guidance too. :)

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Sat, 01 Feb 2025 10:26:59 GMT

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Quote:Hello Oblivion,

you already compared Bobcat to other Terminal emulators, thank you for these comparisons. I would love to see how it also compares to Terminology. I'm sure you can find the comparison interesting, and maybe there are some inspirations to take there!

Kind regards  
Lionel

Another benchmark comparison between Bobcat, Terminology and Alacritty. This ones using the Doom Fire demo.

Videos (page sizes & font face & sizes are the same):

Bobcat vs. ghostty (avg. 430 fps vs. 380 fps.)

Bobcat vs. Terminology (avg. 460 fps. vs. 290 fps.)



Bobcat vs. Alacrity (avg. 460 fps. vs. 670 fps.)

The reason why I used this demo as a benchmark is Mitchell Hashimoto (ghostty's famous developer) uses it as a reference. See his X post for the context.

I think Bobcat is certainly not the fastest (nor it aims to be) but a reasonably fast and feature-rich, modern terminal. :)

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sat, 01 Feb 2025 16:40:56 GMT  
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A fast development week for Bobcat. :)

Bobcat has gained a new cool feature: QuickText.

What is QuickText?

It is a pop-up list that lets you store and quickly insert frequently used commands or text snippets into the terminal using a simple keyboard shortcut. Default keyboard shortcut is Ctrl + Space. Next step will be autocomplete. But the development of it will start after this months first official release.

A screenshot:

Best regards,  
Oblivion

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#### File Attachments

1) [bobcat-quicktext.png](#), downloaded 259 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 02 Feb 2025 19:31:07 GMT

Hi,

As of today and with this github PR, you can use Bobcat with TheIDE, if Bobcat is installed in your system (currently it supports linux, bsd & flatpak. (Windows will soon follow.)

Since there is no official installer (yet), you'll have to manually copy the bobcat executable to the "/usr/bin" (linux), /usr/local/bin" (bsd), "/run/host/bin" (flatpak).

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Thu, 13 Feb 2025 10:41:55 GMT

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Hi,

With the latest update to TerminalCtrl/PtyProcess, Bobcat can now run proper TUI tools with all their bells and whistles on Windows (which is still a rare trait among Terminal emulators 8) )

Here's a gif, Bobcat running yazi file manager with image preview support on windows:

Best regards,  
Oblivion

### File Attachments

1) [bobcat-yazi.gif](#), downloaded 213 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [chickenk](#) on Thu, 13 Feb 2025 10:56:51 GMT

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---

Oblivion wrote on Thu, 13 February 2025 11:41Hi,

With the latest update to TerminalCtrl/PtyProcess, Bobcat can now run proper TUI tools with all their bells and whistles on Windows (which is still a rare trait among Terminal emulators 8) )

Awesome. This really is a game changer on Windows. Great work! Keep up the improvements!

---

Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 23 Feb 2025 19:14:27 GMT  
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Hi,

Today marks the first official release of Bobcat (v0.9.0).

Currently, only the Windows builds are available in binary form (one uses the default but outdated conpty, and the other (openconsole) uses the new version of conpty/conhost (for modern terminal apps)).

However, I intend to extend this to Linux via both FlatPak and distro packages (first one will be for archlinux AUR).

Any help with packaging for other distros would be very much appreciated.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 02 Mar 2025 21:16:49 GMT  
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Hi,

Bobcat v0.9.1 is released:

Service Release includes an important bugfix and some small improvements:

CmdArg: Command handling is fixed.

CmdArg: Font listing and face & size setting are now possible. (Related new options: list-fonts, font-family, and font-size)

On Windows, simply download the zip file, extract it, and run Bobcat.

On \*NIX variants, you can use the fast makefile, umk, or TheIDE to compile Bobcat. The next release of Bobcat will also include an Arch Linux/Pacman package (on GitHub) and, eventually, a Flatpak version.

Since Bobcat can use the re-written version of ConHost on Windows (OpenConsole.exe), it now supports many features that were previously exclusive to \*NIX systems, out of the box.

For example, you can now run NeoVim and Yazi (an awesome terminal file manager) on Bobcat's Windows builds.

Here's a screenshot:

Best regards,  
Oblivion

## File Attachments

1) [bobcat-yazi-imagepreview-windows.png](#), downloaded 150 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sat, 08 Mar 2025 21:30:03 GMT  
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Hi,

I am planning to add a macro interface to Bobcat (using Upp::Esc).

If you think there should be a specific set of functions & functionality in the public macro API, let me know. I am willing to discuss possible drafts.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 09 Mar 2025 12:05:11 GMT  
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Hi,

As of today, Bobcat is finally available on ArchLinux via AUR:

Just use your favorite AUR installer to download and install Bobcat:

```
yay -S bobcat-terminal-git
```

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 09 Mar 2025 23:05:02 GMT  
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Hi,

One upcoming feature of Bobcat is the ability to check and warn against privilege escalation on

Linux.

If enabled, Bobcat will warn the user whenever an app attempts to escalate privileges (i.e., tries to become root).

It will also warn on terminal exit if any terminal is root (and cannot be killed unless the user is also root or operating at the same level).

Screenshot:

Best regards,  
Oblivion

### File Attachments

1) [Ekran Görüntüsü 2025-03-10 01-59-41.png](#) , downloaded 322 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Sun, 20 Apr 2025 16:50:50 GMT

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Hi,

Bobcat version 0.9.2 is released. (Windows users can download the binary executable as a zip file).

It has some nice features and bug-fixes.

- Root detection on Linux: Bobcat can now detect privilege escalation and warn the user accordingly. (2a41e02)
- Event loop optimized: Bobcat now uses a highly optimized event loop, thanks to the new ProcessWaitEvent class. (3b92c4b)
- Adjustable event timeout: It is now possible to set the PTY event wait timeout via the settings. (dc2294c)
- QuickText refactored: QuickText module now has a type system, allowing separation between text, commands, and scripts. (e5f15a7)
- PATH detection: Added a profile option to append Bobcat's exe directory to PATH variable. (60d088f)

Screenshot:

My next move will be in the direction of enabling semantic prompts and related features. Adding scripting/plugin (Esc-based) interface, and of course more bug-fixes.

Best regards,  
Oblivion

### File Attachments

1) [Ekran Görüntüsü 2025-04-20 19-52-27.png](#) , downloaded 293 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Wed, 23 Apr 2025 22:18:43 GMT  
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Hi,

As you may already know, Upp now has direct wayland support, meaning it is possible to enable or disable wayland mode in run-time.

As usual, Bobcat followed the suit after TheIDE and implemented the wayland option as an experimental feature (can be found in the git main branch from now on). 8)

Since it is experimental, expect bugs.

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Sun, 27 Apr 2025 13:06:12 GMT  
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Hi,

If you are on Gnome Desktop and using terminal emulators a lot, the nautilus-open-any-terminal extension can simplify opening terminals in a specified directory, etc.

Bobcat is now officially supported by the extension.

Best regards,  
Oblivion

### File Attachments

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1) [bobcat-nautilus.png](#), downloaded 251 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Mon, 26 May 2025 04:00:48 GMT  
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Hi,

Bobcat improvements and new features:

- Parallel search:

Bobcat can now utilize multithreaded parallel search.

In that case the search limit will apply per-thread (e.g. if the limit is 64K items, it will be a per-thread constraint).

Parallel search works best on large buffers or when there are more than 64K items to search.

- Unified and optimized highlighting:

This is an under-the-hood improvement.

Bobcat now uses a unified highlighting system.

This will allow easy implementation of any type of highlighting in the future.

- Navigator:

Now warns user about root access (Linux specific).

We are very close to 0.9.3

Best regards,  
Oblivion

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### File Attachments

1) [parallel-search.png](#), downloaded 232 times

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Wed, 28 May 2025 17:53:01 GMT  
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Hi,

Bobcat 0.9.3 is released.

What's Changed:

- Root access warning now shows process name (linux).
- Highlighting unified & optimized.
- Finder: Parallelized (multithreaded) search option added - works best when searching more than 64K items.
- Navigator now warns on root access.
- Smart selection pattern persistence problem fixed.
- Runtime switch to enable Wayland on GTK backend (experimental!)

Navigator, warning on privilege escalation:

As always, windows binaries are available on the release page.

If you are going to update Bobcat manually be sure to update TerminalCtrl to the latest revision first.

#### File Attachments

1) [Ekran Görüntüsü 2025-05-28 19-57-44.png](#) , downloaded 208 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Sat, 07 Jun 2025 13:06:55 GMT

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Hi,

"Shape of things to come" for the next versions of Bobcat (likely from 0.9.4 and on):

Yep, that is splitter support. 8)

I opted for a simple and maintainable approach: Max 2 (horz/vert) panes per splitter, no insane splitter trees. IME I never needed more than two anyway...

Also "terminal swapping" will -hopefully- still work.

Best regards,  
Oblivion



## File Attachments

1) [Ekran Görüntüsü 2025-06-07 15-44-03.png](#) , downloaded 154 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Sun, 15 Jun 2025 08:44:21 GMT

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Hi,

Bobcat has finally gained a spilt-screen (splitter) mode. Currently it supports:

- Max 2 panes
- Horizontal or vertical orientation, flippable via a keyboard shortcut.
- All keyboard shortcuts (for navigation or, for launching new pane from the active terminal or the available profiles)
- Allows terminal swapping. This means that you can swap splitter panes with any other existing terminal (currently only via Navigator).

Video demo:

<https://github.com/ismail-yilmaz/Bobcat/issues/36#issuecomment-2973733642>

Screenshot:

It is available in github main now (and ArchLinux AUR), and will be officially available with version 0.9.4

Best regards,  
Oblivion

## File Attachments

1) [Ekran Görüntüsü 2025-06-14 23-57-25.png](#) , downloaded 111 times

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Subject: Re: Bobcat, a cross-platform terminal emulator

Posted by [Oblivion](#) on Tue, 24 Jun 2025 18:00:01 GMT

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Hi,

Bobcat v. 0.9.4 is released.

### Split-Screen (Splitter) Support

Bobcat 0.9.4 introduces powerful split-screen support while staying true to its stacked-display philosophy. With this release, you can now view **up to two terminals at once** using a flexible splitter interface, while still managing your terminal stack just as before.

- Split orientation can be toggled **on the fly**: horizontal (top/bottom) or vertical (side-by-side).
- You can **swap** the two panes or **any open terminal with any splitter pane** at any time.

Preview:

Enjoy! 8)

Best regards,  
Oblivion

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Subject: Re: Bobcat, a cross-platform terminal emulator  
Posted by [Oblivion](#) on Mon, 28 Jul 2025 18:46:05 GMT  
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Hi,

Bobcat 0.9.5 is out. This is a maintenance release that fixes two issues affecting the split-screen functionality.

- Splitter panes can now be transparent.
- Stacked terminals are now properly displayed when the stack transition animation is disabled.

You can download the latest version via UppHub or its github page (Which includes windows binaries).

Best regards,

