

[mosh-users] mosh 1.4.0 released

Keith Winstein [keithw at cs.stanford.edu](mailto:keithw@cs.stanford.edu)

Mon Oct 31 08:59:06 EDT 2022

- Messages sorted by: [[date](#)] [[thread](#)] [[subject](#)] [[author](#)]

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA512

Hello Mosh users and developers,

The Mosh team is pleased to announce the long-awaited 1.4.0 release. This is our first release in five years and marks ten years since Mosh 1.0.

The source code is at: <https://mosh.org/mosh-1.4.0.tar.gz>
(SHA-256: 872e4b134e5df29c8933dfff12350785054d2fd2839b5ae6b5587b14db1465ddd)

Release managers were Alex Chernyakhovsky and Benjamin Barenblat, with major contributions from Wolfgang Sanyer, John Hood, and Anders Kaseorg.

Compatibility: Mosh 1.4.0 is backwards-compatible with mosh-clients back to 0.96 and mosh-servers back to 1.0.9.

Bugs: Please let us know of any problems at the GitHub issue tracker, at <https://github.com/mobile-shell/mosh/issues>. The developers can also be found on IRC at <irc://irc.libera.chat/mosh>.

Summary: This release has a mix of bug fixes and new features.

New features:

- - Support OSC 52 clipboard copy integration (Alex Cornejo)
- - Allow non-inserting prediction (--predict-overwrite) (John Hood)
- - Don't do prediction on large pastes into mosh-client (John Hood)
- - Add true color support (Kang Jianbin)
- - Add syslog logging of connections (Tom Judge)
- - If exec()ing the remote command fails, pause briefly (John Hood)

Bug fixes:

- - ignore unknown renditions (Keith Winstein)
- - Overlays were getting set to the wrong colors (John Hood)
- - Fix issue with incorrect true-color background erase colors (John Hood)
- - Use HAVE_UTEMPTER instead of HAVE_UPTEMPTER (Michael Jarvis)
- - Apply latest consecutive resize, not earliest (Peter Edwards)
- - Use CLOCK_MONOTONIC_RAW when available (Harry Sintonen)
- - Add tmux and alacrity to title_term_types (Naïm Favier)
- - Don't sometimes hang just after launching ssh (Kalle Samuels)

Internal changes:

- - Reformat printed strings in source (John Hood)
- - Code cleanups (John Hood, Anders Kaseorg, Benjamin Barenblat, Alex Chernyakhovsky)
- - Always use non-blocking sockets for recvmsg() (John Hood)
- - Add Perl compile (John Hood)
- - Improvements to the test suite (John Hood)
- - Fixes to autoconf configure (Anders Kaseorg)
- - Cleanups to our cryptography code (Benjamin Barenblat, Alex Chernyakhovsky)

Infrastructure changes:

- - Add support for OCLint static checker (John Hood)
- - Switch from Travis-CI to Github Actions (Wolfgang E. Sanyer, Alex Chernyakhovsky)
- - Add code coverage and fuzzing infrastructure (Alex Chernyakhovsky)

For more details: <https://github.com/mobile-shell/mosh/releases/tag/mosh-1.4.0>

Legal: Mosh is distributed under the GNU General Public License version 3 or later, with exceptions related to OpenSSL and iOS. Mosh is a registered trademark.

Best regards on behalf of the Mosh team,
Keith Winstein

-----BEGIN PGP SIGNATURE-----

```
iQIzBAEBCgAdFiEEsaRwaRIfZkK7PX8+ILco0v4lTGkFAMNfxjgACgkQILco0v4l
TGkaKA//eWoI0bgZfvDRod99IugUF8sU0RivTFXKeVw23JyEaapK4/DPFZG0eTEM
z4Xx1Pydwpd6J7/a4T2/bwAt1R1+otvuN/4tal8Ri6ED4Qnk+1AxgzNCpx3Jzjc/
LDmT1nE2pjyEeTaWMDbTHkm0m52gAwk9Vw6SX6vhej4Xu8K2CkLS/4IpIpEWpAzi
//AZPyk/Xm5AJqRgwaQrPLYvqicTvgMdcAcA8ChvW8KjsU7K82l82Ckpyk0/VtLv
hWEYUk+Aqzr0JU2XBHuWC9cLSJn89Vl4wCHZJLc4Q03hXbw8YTeT5tGhbQ0GXND
LmAcvCR88rgVzK2mkrdKxeoL0f0B01QsRUGirYG4IW+/yKHAtfXvlEgwn0sa1Wqa
IfrBmiqCDmRXFej8I5MkJ3bj1ZRdIPUudbonAptRo1DrME+e9xC2d2H9oGqbLiaD
MewsPcQg4NxbSCHwtyteFci+ttUnboak9TQFSyh1qwbD04YL3W9P2Zly5DRo3yXL
2rxDxboB2j1PrJfc2dUvSXj0DPixFwoP00Xn0w9K55VaELCHaI5GEB+ZLAYce0nY
QiDqF3RKE0hGX8nygVEcoBQj2dyGQBDKI5F3HESU86Z2M2Dl7NeemqBdoIFcaNcT
4iKUMynCRENMRIhaW0g+o0fHgdFeKswhMLEjGPsgtn96G1VNGQg=
=CQws
```

-----END PGP SIGNATURE-----

-
- Messages sorted by: [[date](#)] [[thread](#)] [[subject](#)] [[author](#)]

[More information about the mosh-users mailing list](#)