

## Welcome

---

[About](#)[Install](#)[Change Log](#)[Blog](#)

## Technical Docs

---

[Language Tour](#)[Interactive Shell](#)[Rosetta Stone](#)[User Guide](#)[Commands](#)[Types](#)

## Open Source

---

[GitHub repo](#)

## Search Site

---

## About *murex*

---

*murex* is a shell, like `bash` / `zsh` / `fish` / etc. It follows a similar syntax to POSIX shells like `Bash` however supports more advanced features than you'd typically expect from a `$SHELL`.

A non-exhaustive list features would include:

- Support for **additional type information in pipelines**, which can be used for complex data formats like JSON or tables. Meaning all of your existing UNIX tools to work more intelligently and without any additional configuration.
- **Usability improvements** such as in-line spell checking, context sensitive hint text that details a commands behavior before you hit return, and auto-parsing man pages for auto-completions on commands that don't have auto-completions already defined.
- **Smarter handling of errors** and **debugging tools**. For example `try/catch` blocks, line numbers included in error messages, `STDOUT` highlighted in red and script testing and debugging frameworks baked into the language itself.

## Examples

---

### JSON wrangling:

```
murex » open https://api.github.com/repos/lmorg/murex/issues \
2 » | foreach issue { out "$issue[number]: $issue[title]" } \
3 » | head -n 10
474: add `hash` builtin (defined by POSIX)
473: Add a CONTRIBUTING.md doc
472: Should murex change its name?
468: v2.12
437: Murex could use a logo
429: `private` should support being undefined and parameters being defined
424: multi-line ANSI escape colour formatting
421: write some integration tests around `or` and `and` inside `while`
404: Add support for `` reserved pipes
400: json `[interface{}` doesn't work with `index` column names
```

### Inline spellchecking:

```
murex » echo "Oops I made a speling mistake"
Oops I made a speling mistake
murex » git commit --ammend
```

Autocomplete descriptions, process IDs accompanied by process names:

```
murex » kill |
(/usr/bin/kill) kill - terminate a process
1      /sbin/init splash
10     [mm_percpu_wq]
1001   [nv_queue]
1080   /usr/lib/sddm/sddm-helper --socket /tmp/sddm-authb6553793-5088-46a4-be99-9
1082   /usr/lib/systemd/systemd --user
1083   (sd-pam)
1095   /usr/bin/kwalletd5 --pam-login 6 8
1096   /usr/bin/startplasma-x11
1101   /usr/bin/dbus-daemon --session --address=systemd: --nofork --nopicfile --s
```

More examples: [/examples](#)

## Install instructions

---

See [INSTALL](#) for details.

## Language Tour

---

Read the [language tour](#) to get started.

## Known bugs / TODO

---

*murex* is considered stable, however if you do run into problems then please raise them on the project's issue tracker:

<https://github.com/lmorg/murex/issues>

This site's content is rebuilt automatically from *murex*'s source code after each merge to the [master](#) branch. [Downloadable murex binaries](#) are also built with the website.

Last built on Mon Feb 13 09:18:06 UTC 2023 against commit  
[f33995895c1d997efcddb8408d2c8d45f8b5f934](#).

Current version is which has been verified against 13950 tests cases.

## Welcome

---

[About](#)

[Install](#)

[Change Log](#)

[Blog](#)

## Technical Docs

---

[Language Tour](#)

[Interactive Shell](#)

[Rosetta Stone](#)

[User Guide](#)

[Commands](#)

[Types](#)

## Open Source

---

[GitHub repo](#)

## Search Site

---