# CONTRIBUTING

TL;DR? The `winston` project recently shipped `3.0.0` out of RC and is actively

working towards the next feature release as it continues to triage issues.

- [Be kind & actively empathetic to one another](CODE\_OF\_CONDUCT.md)

- [What makes up `winston`?](#what-makes-up-winston)

- [What about `winston@2.x`?!](#what-about-winston-2.x)

- [Could this be implemented as a format?](#could-this-be-implemented-as-a-format)

- [Roadmap](#roadmap)

Looking for somewhere to help? Checkout the [Roadmap](#roadmap) & help triage open issues! Find an issue that looks like a duplicate? It probably is! Comment on it so we know it's maybe a duplicate ?.

## What makes up `winston`?

As of `winston@3` the project has been broken out into a few modules:

- [winston-transport]: `Transport` stream implementation & legacy `Transport` wrapper.

- [logform]: All formats exports through `winston.format`

- `LEVEL` and `MESSAGE` symbols exposed through [triple-beam].

- [Shared test suite][abstract-winston-transport] for community transports

Let's dig in deeper. The example below has been annotated to demonstrate the different packages that compose the example itself:

``` js

const { createLogger, transports, format } = require('winston');

const Transport = require('winston-transport');

const logform = require('logform');

const { combine, timestamp, label, printf } = logform.format;

// winston.format is require('logform')

console.log(logform.format === format) // true

const logger = createLogger({

format: combine(

label({ label: 'right meow!' }),

timestamp(),

printf(({ level, message, label, timestamp }) => {

return `${timestamp} [${label}] ${level}: ${message}`;

})

),

transports: [new transports.Console()]

});

```

## What about `winston@2.x`?!

> \_If you are opening an issue regarding the `2.x` release-line please know

> that 2.x work has ceased. The `winston` team will review PRs that fix

> issues, but as issues are opened we will close them.\_

You will commonly see this closing `winston@2.x` issues:

```

Development `winston@2.x` has ceased. Please consider upgrading to

`winston@3.0.0`. If you feel strongly about this bug please open a PR against

the `2.x` branch. Thank you for using `winston`!

```

## Could this be implemented as a format?

Before opening issues for new features consider if this feature could be implemented as a [custom format]. If it is, you will see your issue closed with this message:

```

This can be accomplished with using [custom formats](https://github.com/winstonjs/winston#creating-custom-formats) in `winston@3.0.0`. Please consider upgrading.

```

# Roadmap

Below is the list of items that make up the roadmap through `3.4.0`. We are actively triaging the open issues, so it is likely a few more critical path items will be added to this list before the next release goes out.

- [Version 3.3.0](#version-320)

- [Version 3.4.0](#version-330)

- [Version 3.5.0](#version-340)

## Legend

- [ ] Unstarted work.

- [x] Finished work.

- [-] Partially finished or in-progress work.

## Version `3.3.0`

### High priority issues (non-blocking)

- [ ] Move `File` transport into `winston-file`.

- [Browser support](https://github.com/winstonjs/winston/issues/287)

- [ ] Unit tests for `webpack` & `rollup`

- [ ] Replicate browser-only transpilation for `winston`, `winston-transport`, `triple-beam`.

- [-] Full JSDoc coverage

- Benchmarking for `File` and `Stream` transports:

- [x] Benchmarking integration in `pino`.

- [x] Upgrade `pino` to latest `winston`.

- See: https://github.com/winstonjs/logmark

- See also: https://github.com/pinojs/pino/pull/232

- [ ] Move `logged` event into `winston-transport` to remove need for it in each individual Transport written \_or remove the `logged` event entirely.\_

### Increased code & scenario coverage

- [-] Replace all `vows`-based tests.

- [-] `test/transports/\*-test.js`

- [ ] Code coverage tests above 80% for `winston` \_(currently `~70%`)\_.

- [-] Core scenarios covered in `abstract-winston-transport`.

- [-] Full integration tests for all `logform` transports

### Communications / Compatibility

- [ ] `README.md` for `winston-compat`.

- [ ] Update all transports documented in `docs/transports.md` for `winston@3`.

## Version `3.4.0`

### Querying, Streaming, Uncaught Exceptions

- [-] Streaming

### Communications / Compatibility

- [ ] `winstonjs.org` documentation site.

## Version `3.5.0`

### Querying, Streaming, Uncaught Exceptions

- [-] Querying

[winston-transport]: https://github.com/winstonjs/winston-transport

[logform]: https://github.com/winstonjs/logform

[triple-beam]: https://github.com/winstonjs/triple-beam

[abstract-winston-transport]: https://github.com/winstonjs/abstract-winston-transport

[stress-test]: https://github.com/winstonjs/winston/blob/master/test/transports/file-stress.test.js

[custom format]: https://github.com/winstonjs/winston#creating-custom-formats