

Mautic 4.0 Sprint Planning

We're getting ready to prepare Mautic 4! This will be the fourth major release of Mautic, with some exciting new features, like the Mautic Marketplace and New Email Builder!-

Contributors:

Be sure to add yourself to the [Contributors List](#) so that we can recognise all your hard work!

⚠ We need your help!

The more community contributions we get (code, documentation, etc.), the more awesome features we can bring to our users. More on that in the "How can I contribute?" section below.

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Expected features

- Mautic Marketplace
- New Email Builder
- PHP 8.0 support
- Symfony 4 upgrade
- Native Composer support
- Cypress automated tests

Timelines

Dates	What
March 26 - 28	Mautic 4 Alpha Sprint
April 23 - 25	Mautic 4 Beta Sprint
May 14 - 16	Mautic 4 Release Candidate Sprint
May 21 - 23	Mautic 4 General Availability Sprint
May 24	Mautic 4 release 🥰

Beta Sprint (April 23 - 25)

In this sprint, we'll get more focused on user-facing features. It's probably the most exciting of them all, because some shiny new functionality will come to life here! It also means that we'll need more different skill sets.

Required skill sets:

- **Developers** (code + review)
- **UX** (are new features built with good user experience in mind?)
- (non-technical) Writers for end-user facing documentation ("how does feature X work, how can I use it best?")
- **Technical writers** for developer documentation (walking through the existing docs, creating demo plugins, testing the API, all to verify if our docs are up to date)
- **Marketers** to test the new features and help us prepare the communication strategy/material for Mautic 4

Release Candidate Sprint (May 14 - 16)

This sprint will be for fixing rough edges in Mautic 4. It's the most crucial one, because it's the final sprint before the general release. Smoke testing is key here. We'll also be extensively testing the upgrade path for Mautic 3 to 4. In short: getting ready for release!

After this sprint, no further features and/or bug fixes will be considered ("freeze period"), except for critical, release-blocking bugs.

Required skill sets:

- Same as the Beta Sprint
- **Testers! Both technical and non-technical.** Test as many aspects of Mautic as possible, and try to break things on purpose. We want Mautic 4 to be bullet-proof! Who doesn't want to do that? 😊

General Availability Sprint (May 21 - 23)

These are the final days before release (May 24). We'll prepare all marketing and support channels for the release. There shouldn't be any more release-blocking bugs at this point, but the sprint can act as a buffer for final bug fixes in the worst case.

Required skill sets:

- Same as the Release Candidate sprint, but a focus on **marketers and technical support**

How can I contribute?

Contributors

Please drop your name (and company name where appropriate) so that we can ensure that everybody who has been involved in this release is credited!

- Ruth Cheesley (Acquia)

- John Linhart (Acquia)
- Nick Veenhof (Dropsolid)
- Mohammad Abu Musa (Steer Campaign)
- Alan Hartless (Acquia)
- Zdeno Kuzmany (Webmecanik)
- Don Gilbert (Acquia)
- Julien Ulm (Webmecanik)
- Mohit Aghera (Axelerant)
- Adrian Schimpf (Idea2)
- Lukas Gunther (Leuchtfeuer Digital Marketing)
- Raphael vd Woude
- Dennis Ameling
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Mautic 4 Beta Sprint 23-25 April

How to contribute

- Join #mautic-4 on Slack - this is where we will be coordinating all of the sprints and work on the releases - get an invite to Slack at mautic.org/slack
- Set up a local testing environment by:
 - Going to github.com/mautic/mautic and click on 'fork' in the top right
 - Install DDEV if you do not yet have it installed - <https://www.ddev.com/get-started>
 - Install the Github CLI - <https://cli.github.com/manual/installation> (optional but very useful!)
- Join the kick off calls where we will discuss what we need to focus on and how each person can help

Pre Release Priorities

- Bring GrapesJS back into core as a plugin and set up Gitsplit (PR NEEDED)
- Tag Manager UI <https://github.com/mautic/mautic/pull/9364>
- Dynamic Database Detection: <https://github.com/mautic/mautic/pull/9739>
-
- Allowing themes to be used with multiple builders: <https://github.com/mautic/mautic/pull/9893>
- Fix 500 errors: <https://github.com/mautic/mautic/pull/9795> - had a query on an additional error which may have been fixed

- Fix exceptions when installing if using a table prefix (could have a workaround provided): <https://github.com/mautic/mautic/pull/9934>
- Dispatch INTEGRATION_CONFIG_BEFORE_SAVE later <https://github.com/mautic/mautic/pull/9886>
- Fix yes/no button <https://github.com/mautic/plugin-grapesjs-builder/pull/57>
- Fix for external stylesheets on landing pages: <https://github.com/mautic/plugin-grapesjs-builder/pull/70>
- Re-enable / fix code mode (some discussions on whether it is needed given that GrapesJS has code mode built in - decision needed) <https://github.com/mautic/plugin-grapesjs-builder/pull/78>
- Add block for button in landing page builder: <https://mautic.atlassian.net/browse/TPROD-214>
- Fix Dynamic Content to work with MJML in landing pages and email <https://mautic.atlassian.net/browse/TPROD-210>
- Automatically build files for builder from preset <https://mautic.atlassian.net/browse/TPROD-209>
- Add confirmme theme back into Mautic <https://mautic.atlassian.net/browse/TPROD-224>
- Launch Zapier v2 <https://mautic.atlassian.net/browse/TPROD-191>
- Updating Composer: <https://github.com/mautic/mautic/pull/9930>
- Bug fix for dynamic content: <https://github.com/mautic/mautic/pull/9902>
- Fix failing API tests: <https://github.com/mautic/mautic/pull/9931>
- Merge 3.3 into features: <https://github.com/mautic/mautic/pull/9959>

Saturday 24th Priorities

- ~~1. Merge PR's that are RTC~~
2. Complete the tasks in this PR: <https://github.com/mautic/mautic/pull/9920>
 - ~~a. Make sure all syneed plugin repos have features as the default branch, just like Mautic itself~~
 - b. All plugins MUST follow the mautic/mautic versioning scheme until they are decoupled from core, otherwise replace and self.version will not work. An ideal test case would be the 4.0.0-beta release, where we can test if tags are indeed copied over to the separate plugins/themes repos (see note above)
 - c. Re-add the plugins and themes to app/composer.json, the self.replace in the root composer.json should kick in now and not actually download them from Packagist, but recognize that this repo is authoritative and use that code instead (thanks to replace and self.version in composer.json)
 - ~~d. Now that the GrapesJS bundle is also on Packagist, we can add it "the proper way" in our app/composer.json! Let's get rid of that hacky stuff under the repositories section in there 🚀~~
 - e. (suggestion) Marketplace: loop through the plugins folder and scan their composer.json files for plugin info. That way we can easily show installed plugins and the URLs to their Composer pages (cc @escopecz)
3. Composer Initiative Phase 2 tasks

4. GrapesJS issues (need to be fixed and merged before we launch the Beta)

PR's that need tests to be considered for Mautic 4

- Tag manager UI: <https://github.com/mautic/mautic/pull/9364>
-

Symfony 4 work

- While we have done much of the work for Symfony 4, we still have a few issues that we need to address and some [refactoring](#) that would be nice to get done, some of which is left over from Mautic 3!
- How to help
 - Bugs already found are listed here:
<https://github.com/mautic/mautic/labels/mautic-4> - please register any other bugs that you come across as new issues and label with Mautic-4
 - Work on fixing the bugs above and contribute the fixes back in a PR mentioning the issue with 'Fixes #1234' in the description.
 - Review the developer documentation and update anything that needs to be updated - there are issues parked as 'need to write the docs' placeholders
- Complete the outstanding work in [this board](#) (issues are created from the old reference [document](#))
 - Please assign yourself to the task when you pick it up and mention in the Mautic 4 channel
 - Please use the issue number in the PR title/branch/commit so that it will become linked up in Jira

Composer Initiative

- Join #i-composer-support on Slack
- Check the Confluence page to get the back history and progress to date
- See [this Epic on Jira](#) which contains all of the phase 2 tasks that need to be completed before the beta release
- Test - see the channel for more details! We need feedback on the structure and any issues that you might come across.

Builders Initiative

- Join #i-builders on Slack
- Check the Confluence page to get back history and progress to date
- Address the open issues and merge the open PR's with the GrapesJS builder - check out [this Epic on Jira](#) which contains all the issues that we need to address before the beta release
- Make the GrapesJS builder the default builder when we are at feature parity

Marketplace Initiative

- Join #i-mautic-marketplace
- Check the Confluence page to get back history and progress to date
- Test and provide feedback on the Beta release (read only implementation)

Install/upgrade initiative

- Join #i-install-upgrade
- Bring over the checks from Mautic 3 upgrade to install/upgrades - issue here: <https://github.com/mautic/mautic/issues/9607>
- See also this issue: <https://mautic.atlassian.net/browse/TPROD-187>

Cypress tests

- Speak to Ruth Cheesley if you'd like to help with this task
- Working on this WIP PR - some tests are failing in Github but work locally so now trying to debug those. <https://github.com/mautic/mautic/pull/9851>

Documentation Update

- Join #docs and #i-t-education on Slack
- Test and provide feedback on Beta release
- Update the docs to be in sync with the newest release
- See some documentation issues here: <https://github.com/mautic/mautic-documentation/issues>

Archive

Alpha Sprint (March 26—28)

This is our very first Mautic 4 sprint. This will be all about laying the technical groundwork for Mautic 4 to build new features on. Without going into too much detail here, the most important aspect here is upgrading our technical dependencies (like Symfony). You likely won't see new features yet in this sprint.

Required skill sets:

- ~~Developers~~ (code + review)
- ~~Technical writers~~ (documentation), to update our developer docs and user-facing docs where applicable. There will be breaking changes that we need to document!

Mautic 4 Alpha Sprint 26-28 March

Available Resources

- Ruth Cheesley - all three days
- Dropsolid - Potentially 3 developers (Nick Veenhof, Nick Vanpraet +1)
- Webmecanik - 2 developers + Norman
- Dennis Ameling + Raphael van der Woude
- Acquia - Waiting on numbers
- Leuchtfeuer Digital Marketing - Lukas
- Mohammad Abu Musa

Alpha kick off / welcome calls

Friday, 26th March

- ~~10am CEST - Kicking off the sprint!~~

Missed it? [Here](#) is the call recording.

- ~~4pm CEST - Will also act as EMEA hand over to USA~~

Missed it? [Here](#) is the call recording.

- ~~8pm CEST - End of Day 1 wrap up & setting priorities~~

Missed it? [Here](#) is the call recording.

Saturday, 27th March

- **10am CEST - Kicking off the sprint!**

<https://everytimezone.com/s/cf4f92d5>

<https://acquia.zoom.us/j/98969220703?pwd=T1NSSkRXUFVNSDBOZ29MbzAyYXZ5QT09>

Meeting ID: 989 6922 0703

Passcode: 109375

Missed it? [Here](#) is the recording.

- **4pm CEST - Will also act as EMEA hand over to USA**

<https://everytimezone.com/s/374abf85>

<https://acquia.zoom.us/j/94643099435?pwd=M2pTQ0ZvRE1Dakx4ZWhtMT2JMdDFYQT09>

Meeting ID: 946 4309 9435

Passcode: 969291

Missed it? [Here](#) is the recording.

- **8pm CEST - End of Day 1 wrap up & setting priorities**

<https://everytimezone.com/s/89cf04cd>

<https://acquia.zoom.us/j/93697879855?pwd=ckY3UEMrRG9lSSStlVGZEZVJkN1RZdz09>

Meeting ID: 936 9787 9855

Passcode: 034055

Missed it? [Here](#) is the recording.

Sunday, 28th March

- **11am CEST - Kicking off the sprint!**

<https://everytimezone.com/s/8e973f9>

<https://acquia.zoom.us/j/98969220703?pwd=T1NSSkRXUFVNSDBOZ29MbzAyYXZ5QT09>

Meeting ID: 989 6922 0703

Passcode: 109375

Missed it? [Here](#) is the recording.

- **4pm CEST - Will also act as EMEA hand over to USA**

<https://everytimezone.com/s/50753456>

<https://acquia.zoom.us/j/94643099435?pwd=M2pTQ0ZvRE1Dakx4ZWhMT2JMdDFYQT09>

Meeting ID: 946 4309 9435

Passcode: 969291

Missed it? [Here](#) is the recording.

- **8pm CEST - End of Day 1 wrap up & setting priorities**

<https://everytimezone.com/s/2f74668b>

<https://acquia.zoom.us/j/93697879855?pwd=ckY3UEMrRG9ISStlVGZEZVJkN1RZdz09>

Meeting ID: 936 9787 9855

Passcode: 034055

Missed it? [Here](#) is the recording.

Sprint goals

- Complete the outstanding work in [this board](#) (issues are created from the old reference document) - let us know if you need access!
- Address the [open issues](#) and merge the [open PR's](#) with the GrapesJS builder
- Review and test the Marketplace PR: <https://github.com/mautic/mautic/pull/9650>
 - Has a test failing in CI only - hopefully [Miroslav Fedeles](#) can help with addressing this!
 - Needs code review
 - Needs testing
- Check if the API library works with Mautic 4 (separate branch?)
 - This is likely failing due to the bugs that have been identified with Mautic 4 and should start to pass when they are addressed
- Test and implement the Composer structure
 - Review and test the Composer PoC using this command:

*composer create-project mautic/recommended-project:3.x-dev
mauticcomposerproject --no-interaction*

- Test and merge as many of the milestone PR's as possible
- Add Cypress tests to Mautic (Ruth is working on this) - <https://github.com/mautic/mautic/pull/9338>
- Prepare the 4.0 Alpha release for Monday
 - PRs need to be milestone to Mautic 4 and either have bug/feature/enhancement labels to be included in the release notes

Alpha Must Haves

- ~~CKEditor PR <https://github.com/mautic/mautic/pull/9843> reviewed (Muhammed or Kuzmany?)~~
- ~~Review and merge ready to go PRs in <https://github.com/mautic/mautic/pulls?q=is%3Aopen+label%3Amautic-4+is%3Apr> (John & Alan for PHP8)~~
- ~~Add missing migration to <https://github.com/mautic/mautic/pull/9837> and merge (Alan)~~
- ~~Code review and test market place <https://github.com/mautic/mautic/pull/9650> (Dennis: DONE)~~
- Try to get in composer work (<https://mautic.atlassian.net/secure/RapidBoard.jspa?rapidView=26&projectKey=TPROD&modal=detail&selectedIssue=TPROD-147>)
- Review API after bug fixes have been merged; fix issues (Alan)
- ~~Merge M4 milestone ready to commit PRs~~
- ~~Fix CLI migration command issue <https://github.com/mautic/mautic/pull/9850> (Dennis: create PR, Ruth: review)~~

Alpha Completed goals 🎉

- ~~(prio 1) Get the Symfony 4 upgrade PR merged <https://github.com/mautic/mautic/pull/9409>~~
- ~~(needs <https://github.com/mautic/plugin-grapesjs-builder/pull/60> to be merged first!)~~
- ~~(Dennis) Update all existing PRs in mautic/mautic as they might break in Symfony 4 (can in most cases be done with the "Update branch" button in the GitLab UI) - <https://github.com/mautic/mautic/pulls?q=is%3Apr+is%3Aopen+base%3Afeatures>~~
- ~~Create a reproducible public POC for the composerisation of Mautic with Mautic 3
 - *composer create-project mautic/recommended-project:3.x-dev mauticcomposerproject --no-interaction*~~

- Sunday AM we need some help to set up GH Actions to automatically build the JS no later than 11am CEST
- Fix known issues with Mautic 4 (Mohammad fixed them all! 🎉)
 - Bugs already found are listed here:
<https://github.com/mautic/mautic/labels/mautic-4>

Alpha release notes

:warning: THIS IS AN ALPHA RELEASE. DO NOT USE ANYWHERE NEAR A PRODUCTION ENVIRONMENT!

Today we have released Mautic 4.0-alpha1 after a super productive sprint where we had thirteen contributors working on this project.

This is a **very early release for testing only** which includes a large number of substantial changes to the underlying codebase.

There will be bugs, and there are some features which we still have further refinement to work on in the coming weeks.

****UPGRADING IS NOT YET SUPPORTED****

Planned release schedule

Alpha release - 30th May 2021 <= We are here

Beta release - 26th April 2021

Release candidate release - 15th May 2021

General availability release - 24th May 2021

Upcoming sprints

Read more in [this forum post](https://forum.mautic.org/t/getting-ready-for-mautic-4-all-details-timelines/18692) on how you can get involved!

Beta release sprint - 23-25 April

Release Candidate sprint - 14-15 May

General Availability sprint 21-23 May

Release Notes

There are many significant changes in this release including support for Symfony 4 and upgrading dependencies in advance of PHP8 support.

Read the [upgrade-4.0.md](https://github.com/mautic/mautic/blob/features/UPGRADE-4.0.md) for more details.

The Composer Initiative has also had the first phase merged in this release. This involves moving plugins and themes out of the codebase to separate repositories, and allows Mautic to be installed in different ways than the standard GUI and CLI install process, such as using the command:

```
composer create-project mautic/recommended-project:4.x-dev mauticcomposerproject
--no-interaction
```

There are also several new features which you will find listed below.

Folks who will be attending the Beta sprint

Please add your name below if you will be joining the Beta sprint, and what days/times (roughly is fine!) you will be available below!

- Ruth Cheesley - All day Friday (will be splitting time between MautiCon and M4 sprints), Sat (exc. 1.30-3.30 UK), and Sun (exc. 10-11.30, 2.30-3.15 UK)
- Alan Hartless - Most of US Friday (2-11 PM UTC other than a few meetings scattered throughout the day), Sunday (3-8 PM UTC)
- Zdeno Kuzmany - few hours on friday, few hours on saturday/sunday - EU timezone
- Julien Ulm - Friday all day
- Mohammad Abu Musa - early in the morning for few hours, most of the day on Saturday, and few hours in Sunday GMT +3

Beta kick off/welcome calls

Friday 23rd April

~~Morning kick-off call~~

~~10am CET - <https://everytimezone.com/s/7fd3ed4e>~~

~~<https://acquia.zoom.us/j/98969220703?pwd=T1NSSkRXUFVNSDBOZ29MbzAyYXZ5QT09>~~

~~Meeting ID: 989 6922 0703~~

~~Passcode: 109375~~

Afternoon kick-off call

4pm CEST — <https://everytimezone.com/s/d36e1cf1>

<https://acquia.zoom.us/j/92173582164?pwd=STRBSzRFb25OeVB0TXB2V2dEZWhlQT09>

Meeting ID: 921 7358 2164

Passcode: 155865

Evening wrap-up call

8pm CEST — <https://everytimezone.com/s/e03ad180>

Join Zoom Meeting

<https://acquia.zoom.us/j/99211440812?pwd=MnVUd1NteTZJNm9UeTQxYW9hMXdEQT09>

Meeting ID: 992 1144 0812

Passcode: 909299

Saturday 24th April

Morning kick-off call

10am CEST — <https://everytimezone.com/s/5b13b78e>

<https://acquia.zoom.us/j/98969220703?pwd=T1NSSkRXUFVNSDBOZ29MbzAyYXZ5QT09>

Meeting ID: 989 6922 0703

Passcode: 109375

Afternoon kick-off call

4pm CEST — <https://everytimezone.com/s/12783712>

<https://acquia.zoom.us/j/92173582164?pwd=STRBSzRFb25OeVB0TXB2V2dEZWhlQT09>

Meeting ID: 921 7358 2164

Passcode: 155865

Evening wrap-up call

8pm CEST — <https://everytimezone.com/s/9be626f6>

Join Zoom Meeting

<https://acquia.zoom.us/j/99211440812?pwd=MnVUd1NteTZJNm9UeTQxYW9hMXdEQT09>

Meeting ID: 992 1144 0812

Passcode: 909299

Sunday 25th April

Morning kick-off call

10am CEST — <https://everytimezone.com/s/3eebf675>

<https://acquia.zoom.us/j/98969220703?pwd=T1NSSkRXUFVNSDBOZ29MbzAyYXZ5QT09>

Meeting ID: 989 6922 0703

Passcode: 109375

Afternoon kick-off call

4pm CEST — <https://everytimezone.com/s/ede1984e>

<https://acquia.zoom.us/j/92173582164?pwd=STRBSzRFb25OcVB0TXB2V2dEZWhlQT09>

Meeting ID: 921 7358 2164

Passcode: 155865

Evening wrap-up call

8pm CEST — <https://everytimezone.com/s/14a9227c>

Join Zoom Meeting

<https://acquia.zoom.us/j/99211440812?pwd=MnVUd1NteTZJNm9UeTQxYW9hMXdEQT09>

Meeting ID: 992 1144 0812

Passcode: 909299