

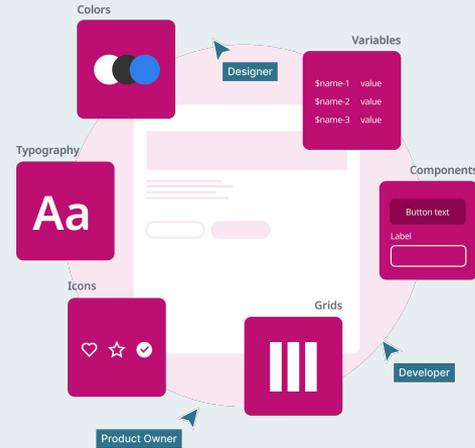
Magenta Design System Contribution Guideline

AS ONE, WE CAN.

ONE

OCEAN NETWORK EXPRESS

- **Introduction**
- **Contribution Workflow**
 - Raising a Ticket
 - Design Verification
 - Contribution Process: Workflow, Testing, Storybook Integration, UAT
- **Development Guidelines**
 - Repository Setup
 - Pull Request Guidelines
 - MDS Github Repo, Readme, Contributing
- **Communication and Support**
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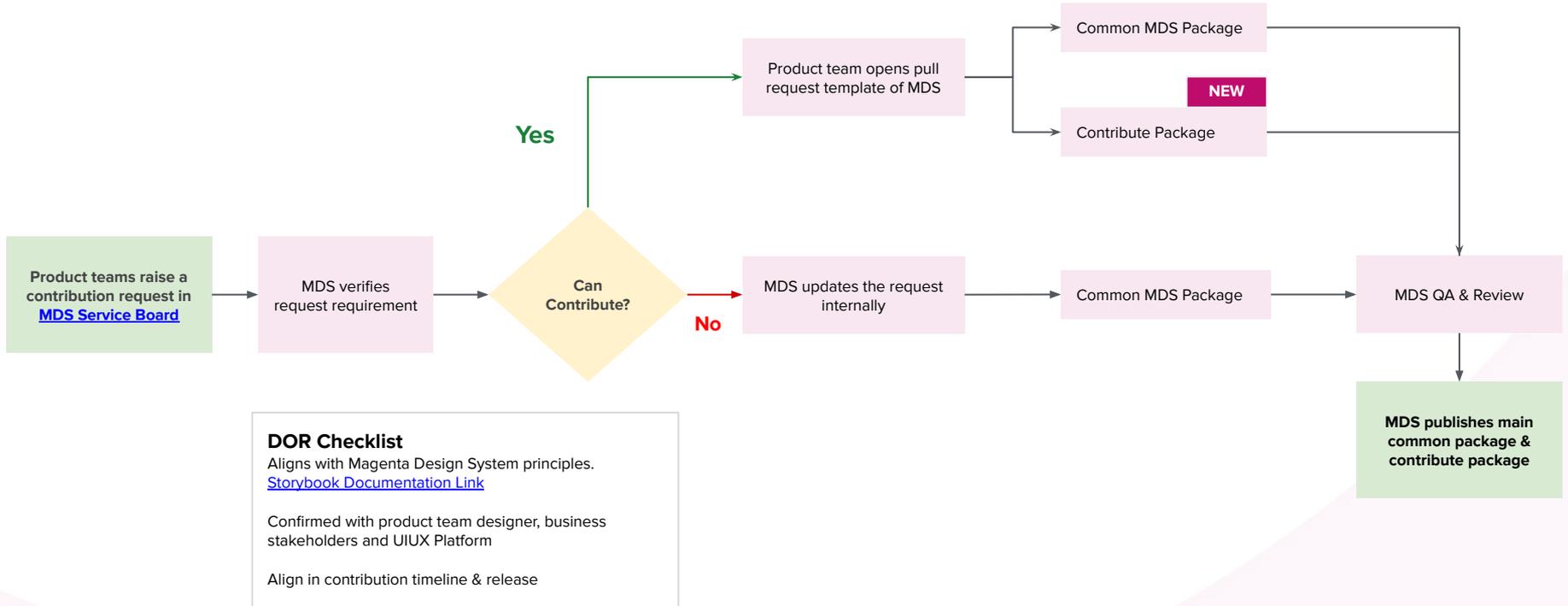


CONTRIBUTION WORKFLOW

between Magenta Design System team & Product teams

MDS Package Contribution workflow

This workflow is used for package release.

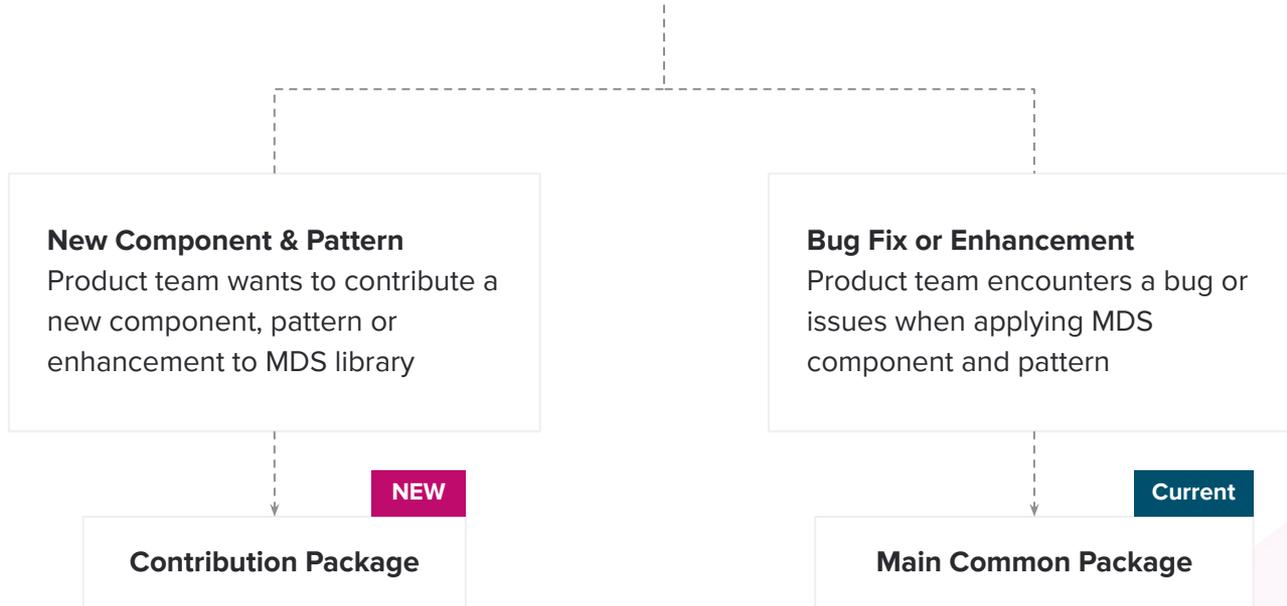


Contribution - DoR

Aligns with Magenta Design
System principles, patterns.

Confirmed with product team
designer, business stakeholders
and UIUX Platform.

Contribution Request



Once verified, MDS determines

✓ If the request can be contributed

Product team will fork the repository and implement the changes.

They will open a **pull request (PR)** using the **MDS PR template**.

MDS team will review the PR, provide feedback, and approve once all criteria are met.

After approval, the changes will be merged into the main branch.

MDS team will notify feature teams once the package is released.

✗ If the request cannot be contributed:

MDS team will take ownership and update the request based on feature team feedback.

MDS team will inform the feature teams once the update is included in a release.

To ensure the successful integration of the new feature, the development process **SHOULD** align with the **MDS** development practice. The following phases must be strictly followed:

Testing

Implement unit tests to validate core functionalities.

Integrate component and end-to-end (E2E) tests to ensure system stability.

Utilize automated test coverage to prevent regressions.

User Acceptance Testing (UAT)

Deploy the feature in a staging environment for validation.

Conduct business logic verification and functional testing with stakeholders.

Gather feedback for refinement before production release.

Storybook Integration

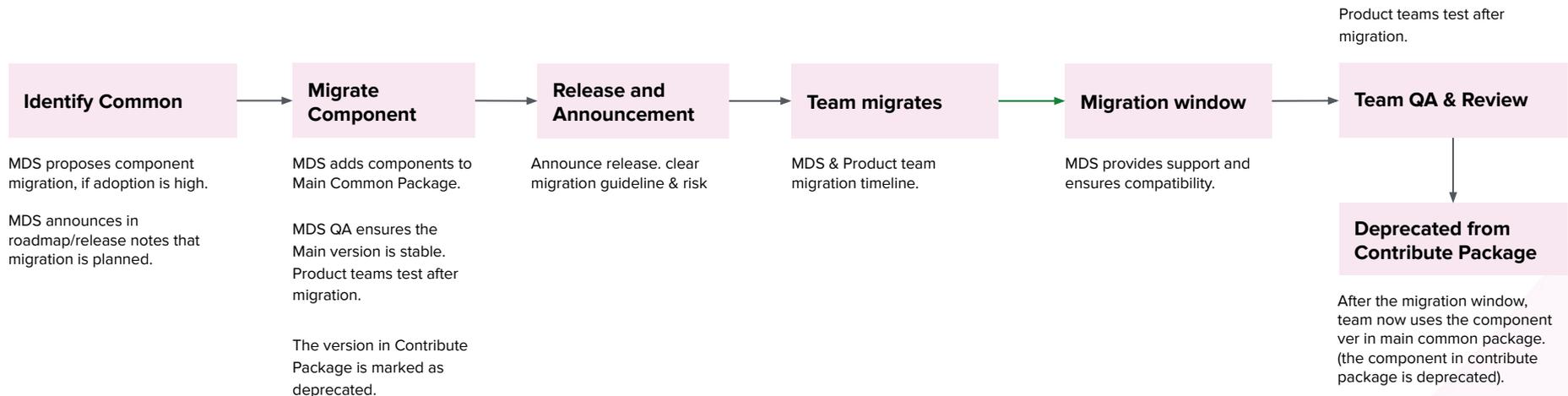
Document UI components in **Storybook** for visual testing and consistency.

Ensure component states and interactions align with design system guidelines.

Facilitate collaboration between developers and designers through live previews.

Migration from Contribute to Main Common

When MDS propose to migrate a component from contribute package to main common Package.



Note: This process is subject to be changed depending on the real context.

DEVELOPMENT GUIDELINE

Follow the configurations outlined in our repository

- Fill [this form](#) to join MDS contributor team
- Get access to [magenta repository](#)
- Refer to **CONTRIBUTING.md** for detailed setup instructions and **labs/README.md** that explain further details

When submitting a PR

- Follow the **pull request template and guideline**.
- Provide a clear description of the changes made with correct branch convention, package description
- Link the PR to the relevant ticket/discussion in the MDS repository
- **Must have:** Linting checks, code convention should pass
- **Nice To Have:** Ensure all unit tests pass before submission or coverage should not below 80%

1. **Contributors:**
 - a. Case 1 - Outside “labs”: enhancements or bug fixes in the core component structures (mainly packages, docs, ...)
 - b. Case 2 - New initiative, idea: Create RFC as example or showcase (MVP)
2. **Contributors:** Depends on available effort, provide related documentation or just PoC
3. **MDS:** Review the RFCs, finalize by draft PR in **magenta**. Continue polishing PR for completeness (unit tests, documentation - contributors at least provide proof of concept or proof of working version & how to use guideline)
4. **MDS:** Publish the lab’s packages if requested and aligned with contributors.
5. **Contributors:** Future maintaining of packages will be aligned with lab’s package/rfc author.

COMMUNICATION SUPPORT

How to Contact Us?

- **Email (thanh.phamc@one-line.com):** For formal requests, escalations, or detailed inquiries.
- **GitHub Discussions:** For technical feasibility, PR review and issue tracking.
- **Google chat channel:** Quick questions, discussions, and updates.

Support Roles

- **UI/UX Platform Designer** → Guides on design principles and usability best practices.
- **MDS Product Owner** → Assists with prioritization and roadmap alignment.
- **MDS TA & Developer** → Reviews technical feasibility and ensures code consistency.

For urgent issues or blockers, escalate to the **MDS PO** via **Email:** thanh.phamc@one-line.com

AGREEMENT

- Product team agrees to follow the **MDS contribution workflow**
- Acknowledges that final approval will be aligned with the **MDS team**

Thank you

For contributing to the Magenta Design System

When a component is promoted, teams who don't migrate can still use the frozen version for a while, but will miss out on fixes, improvements, and new features.

Recommended

Main Common Package

All new updates, fixes, and improvements

Contribution Package

Frozen (no new features, no bug fixes, no updates).

1. Q: What if many team commits similar contribution?

Quick Use: The team that needs the component urgently should contribute and use it immediately after MDS review OK.

Standardization: Once the component is widely used, MDS will standardize it, leading the UAT process with all relevant teams.

Adoption: Teams officially adopt the standardized version after UAT approval.

Contributor Responsibility: The original contributor is responsible for maintenance, particularly for any version upgrades related to their contribution.

2. Q: Who will maintain the contrib packages?

3. => The contributor has the responsibility to maintain the component they initially contributed, specifically if there is a version upgrade for the item.

4. Q: Previous pain-point: self-developed package, but MDS new component not the same design -> Answered in the question 2, the contributor need to do UAT before using it

5. Q: Can we have MDS to start development to support because the team has priority? A: The process of UI/UX governance should be applied first, so that MDS can understand the priority.