

# Syntax for issue forms

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You can define different input types, validations, default assignees, and default labels for your issue forms.

**Note:** Issue forms are currently in beta and subject to change.

## About YAML syntax for issue forms

You can create custom issue forms by adding a YAML form definition file to the `/.github/ISSUE_TEMPLATE` folder in your repository. If you're new to YAML and want to learn more, see "[Learn YAML in Y minutes](#)." You can define different input types, validations, default assignees, and default labels for your issue forms.

When a contributor fills out an issue form, their responses for each input are converted to markdown and added to the body of an issue. Contributors can edit their issues that were created with issue forms and other people can interact with the issues like an issue created through other methods.

Issue forms are not supported for pull requests. You can create pull request templates in your repositories for collaborators to use. For more information, see "[Creating a pull request template for your repository](#)."

This example YAML configuration file defines an issue form using several inputs to report a bug.

**Note:** The `required` field key is only supported in public repositories. In private and internal repositories, all fields are optional.

YAML



```
name: Bug Report
description: File a bug report
title: "[Bug]: "
labels: ["bug", "triage"]
projects: ["octo-org/1", "octo-org/44"]
assignees:
  - octocat
body:
  - type: markdown
    attributes:
      value: |
        Thanks for taking the time to fill out this bug report!
  - type: input
```

```

id: contact
attributes:
  label: Contact Details
  description: How can we get in touch with you if we need more info?
  placeholder: ex. email@example.com
validations:
  required: false
- type: textarea
id: what-happened
attributes:
  label: What happened?
  description: Also tell us, what did you expect to happen?
  placeholder: Tell us what you see!
  value: "A bug happened!"
validations:
  required: true
- type: dropdown
id: version
attributes:
  label: Version
  description: What version of our software are you running?
  options:
    - 1.0.2 (Default)
    - 1.0.3 (Edge)
  default: 0
validations:
  required: true
- type: dropdown
id: browsers
attributes:
  label: What browsers are you seeing the problem on?
  multiple: true
  options:
    - Firefox
    - Chrome
    - Safari
    - Microsoft Edge
- type: textarea
id: logs
attributes:
  label: Relevant log output
  description: Please copy and paste any relevant log output. This will be
automatically formatted into code, so no need for backticks.
  render: shell
- type: checkboxes
id: terms
attributes:
  label: Code of Conduct
  description: By submitting this issue, you agree to follow our [Code of
Conduct](https://example.com)
  options:
    - label: I agree to follow this project's Code of Conduct
      required: true

```

## Top-level syntax [↗](#)

All issue form configuration files must begin with `name` , `description` , and `body` key-value pairs.

YAML



```

name:
description:
body:

```

You can set the following top-level keys for each issue form.

Key	Description	Required	Type
name	A name for the issue form template. Must be unique from all other templates, including Markdown templates.	Required	String
description	A description for the issue form template, which appears in the template chooser interface.	Required	String
body	Definition of the input types in the form.	Required	Array
assignees	People who will be automatically assigned to issues created with this template.	Optional	Array or comma-delimited string
labels	Labels that will automatically be added to issues created with this template. If a label does not already exist in the repository, it will not be automatically added to the issue.	Optional	Array or comma-delimited string
title	A default title that will be pre-populated in the issue submission form.	Optional	String
projects	Projects that any issues created with this template will automatically be added to. The format of this key is <code>PROJECT-OWNER/PROJECT-NUMBER</code> .	Optional	Array or comma-delimited string

**Note:** The person opening the issue must have write permissions for the specified projects. If you don't expect people using this template to have write access, consider enabling your project's auto-add workflow. For more information, see "[Adding items automatically](#)."

For the available `body` input types and their syntaxes, see "[Syntax for GitHub's form schema](#)."

## Converting a Markdown issue template to a YAML issue form template

You can use both Markdown and YAML issue templates in your repository. If you want to convert a Markdown issue template to a YAML issue form template, you must create a new YAML file to define the issue form. You can manually transpose an existing Markdown issue template to a YAML issue form. For more information, see "[Configuring issue templates for your repository](#)."

If you want to use the same file name for your YAML issue form, you must delete the Markdown issue template when you commit the new file to your repository.

An example of a Markdown issue template and a corresponding YAML issue form template are below.

### Markdown issue template

Markdown



```
---
name: Bug
about: File a bug/issue
title: '[BUG] <title>'
labels: Bug, Needs Triage
assignees: ''

---

<!--
Note: Please search to see if an issue already exists for the bug you
encountered.
-->

### Current Behavior:
<!-- A concise description of what you're experiencing. -->

### Expected Behavior:
<!-- A concise description of what you expected to happen. -->

### Steps To Reproduce:
<!--
Example: steps to reproduce the behavior:
1. In this environment...
1. With this config...
1. Run '...'
1. See error...
-->

### Environment:
<!--
Example:
- OS: Ubuntu 20.04
- Node: 13.14.0
- npm: 7.6.3
-->

### Anything else:
<!--
Links? References? Anything that will give us more context about the issue that
you are encountering!
-->
```

## YAML issue form template

YAML



```
name: Bug
description: File a bug/issue
title: "[BUG] <title>"
labels: ["Bug", "Needs Triage"]
body:
  - type: checkboxes
    attributes:
      label: Is there an existing issue for this?
      description: Please search to see if an issue already exists for the bug you
encountered.
      options:
        - label: I have searched the existing issues
          required: true
  - type: textarea
    attributes:
      label: Current Behavior
      description: A concise description of what you're experiencing.
    validations:
      required: false
  - type: textarea
    attributes:
      label: Expected Behavior
      description: A concise description of what you expected to happen.
    validations:
      required: false
  - type: textarea
    attributes:
      label: Steps To Reproduce
      description: Steps to reproduce the behavior.
      placeholder: |
        1. In this environment...
        1. With this config...
        1. Run '...'
        1. See error...
    validations:
      required: false
  - type: textarea
    attributes:
      label: Environment
      description: |
        examples:
          - **OS**: Ubuntu 20.04
          - **Node**: 13.14.0
          - **npm**: 7.6.3
      value: |
        - OS:
        - Node:
        - npm:
      render: markdown
    validations:
      required: false
  - type: textarea
    attributes:
      label: Anything else?
      description: |
        Links? References? Anything that will give us more context about the issue
you are encountering!

        Tip: You can attach images or log files by clicking this area to highlight
it and then dragging files in.
    validations:
      required: false
```

## Further reading

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- [YAML](#)
- [Common validation errors when creating issue forms](#)

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