

Managing Your Project Through GitHub



Gill Cleeren

SOFTWARE ARCHITECT

@gillcleeren - www.snowball.be



Overview



Working with issues

Creating a milestone

Working with projects

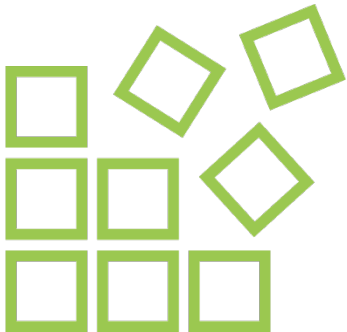
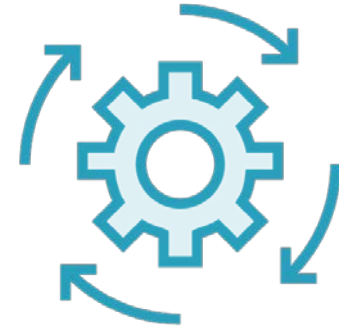
Setting up a wiki



Working with Issues



Working with Issues





Notifications

Linked to project board

- Assigned to others


Association with pull request

Combined towards a milestone

Can be created from code



GitHub Issue Tracker

 [aspnet](#) / [Mvc](#)

Watch ▾ 871

Star 5,566

Fork 2,182

<> Code

Issues 198

Pull requests 14

Projects 3

Wiki

Insights

Filters ▾

is:issue is:open

Labels

Milestones

New issue

198 Open ✓ 4,880 Closed

Author ▾

Labels ▾

Projects ▾

Milestones ▾

Assignee ▾

Sort ▾

InvalidOperationException thrown in tag helpers using cache in 2.2.0 preview 1

#8330 opened 23 hours ago by martincostello

TagHelper for <datalist>

#8322 opened 3 days ago by Skrypt

Rendering parts of page based on given criteria

#8321 opened 4 days ago by JoshClose

Test failure: VersionedApi_CanUseOrderToDisambiguate_OverlappingVersionRanges

1 - Ready

Branch:master

PRI: 1 - Required

task

test-failure

#8319 opened 4 days ago by aspnet-hello

2.2.0-preview2

ProblemDetails - Avoid serializing empty properties

2 - Working

PRI: 1 - Required

cost: S

enhancement

#8317 opened 4 days ago by pranavkm

2.2.0-preview2

[Discussion]: 3.0: Deprecating MvcPrecompilation tool

discussion

#8313 opened 4 days ago by pranavkm

Discussions

Unable to use IFormFile with ApiController in 2.1

investigate

#8311 opened 5 days ago by Eilon

2.2.0-preview2



Creating an issue

gillcleerendemo / improved-memory

Watch 1

Star 0

Fork 2

<> Code

Issues 8

Pull requests 1

Projects 2

Wiki

Insights

Settings

Title

Write

Preview

AA B i “ <> ↻ ⋮ ≡ ≡ @ 📎 ↶

Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported

Submit new issue

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Helpful resources

Contributing



Task Lists



Improve responsiveness of the site

Write

Preview

- ☐ Main menu
- ☐ Header
- ☐ Footer
- ☐ Sidebar

 Styling with Markdown is supported

Submit new issue



Labels



Organization and prioritization

Built-in set or custom

Built-in Labels



bug

duplicate

enhancement

help wanted

question

wontfix

good first issue

invalid



Demo



Creating an issue

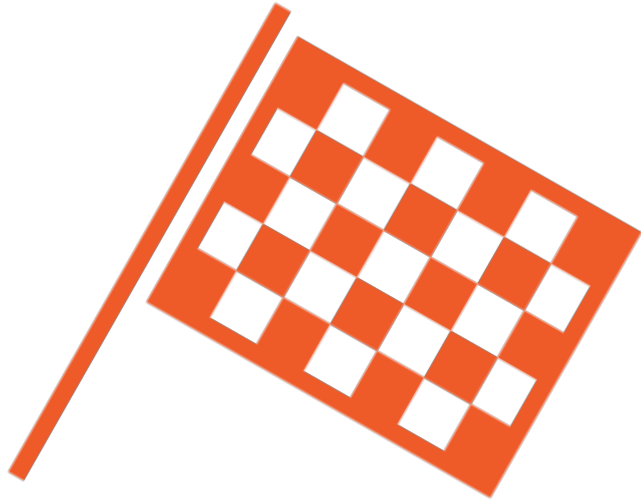
Linking an issue with a commit

Working with labels



Creating a Milestone





Group issues together

Track progress

Can have

- Due
- Completion percentage
- Open and closed issues

Issues can be prioritized

Demo



Creating and managing a milestone

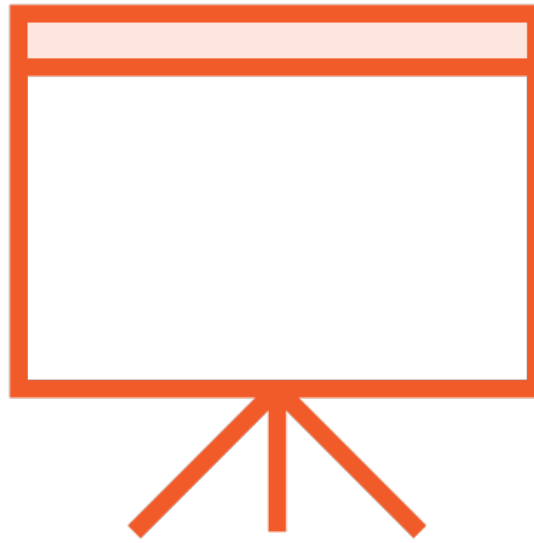


Working with Projects



Project Boards

Organization of work

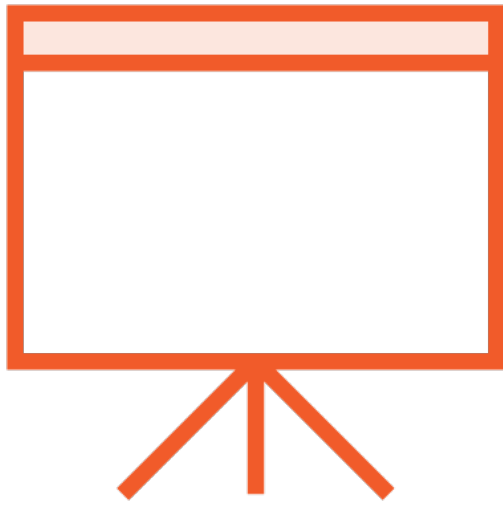


Work on a specific feature

Checklists

Roadmap






Contain

- Issues
- Pull requests

Available as cards



A Sample Project Board

 **aspnet / Mvc**

<> Code

! Issues 198

🔗 Pull requests 14

📅 Projects 3

📖 Wiki

📊 Insights

KodKod 2.1.0
Updated on May 26


3 Design

! Improvements to Swagger generation

📄 0 of 12

#6877 opened by rynowak

1 - Ready PRI: 1 - Required needs design




! Track template and scaffolding updates for new Web API conventions and updates

📄 1 of 2

#6915 opened by danroth27


task



! Figure out what to do about ProblemDetails::Type

#6913 opened by rynowak

PRI: 3 - Optional needs design




3 Ready

! Convert some 'basic' 4XX responses into 'problem' responses

📄 0 of 3

#6786 opened by rynowak


3 - Done PRI: 1 - Required cost: S enhancement



! prototype build-time code generation using swagger

#6788 opened by rynowak


3 - Done PRI: 1 - Required cost: XL task



! Add swagger tool for build-time swagger generation

#6787 opened by rynowak

1 - Ready PRI: 1 - Required enhancement




0 Working

9 Done

! Report good error messages when JSON fails to deserialize

#4862 opened by DaveVdE


3 - Done bug



! JsonResultFormatter, ModelState and error response message.

#4607 opened by MicahZoltu


3 - Done



! For types annotated with ApiControllerAttribute, consider making complex type parameters FromBody by default

#6847 opened by pranavkm


3 - Done



! Add support for validation attributes on parameters

#6790 opened by rynowak

3 - Done enhancement



Available Templates

Basic kanban

Automated kanban

Automated kanban with
review

Bug triage



Demo



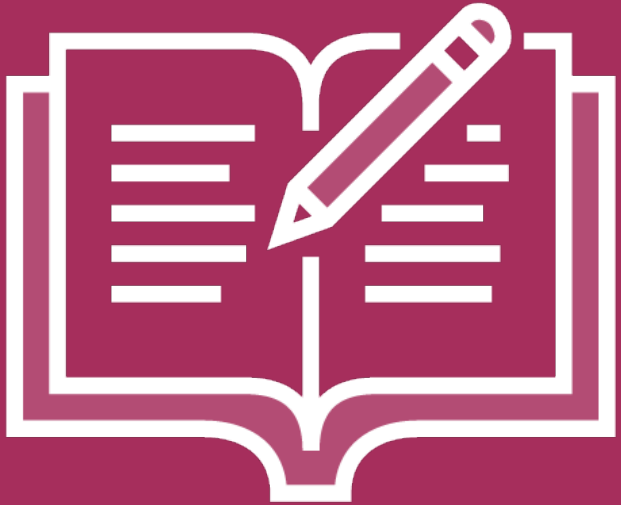
Creating a project board

Adding issues to our project board



Setting up a Wiki





Although you like to write code...

Documentation is vital!





Wiki for your repository on GitHub

Long-living document on how to use the project

Online or offline (push)

Demo



Setting up a wiki

Adding a page

Adding content via GitHub

- Text
- Images



Summary



GitHub contains great project management tools

Issue tracker is central point

Project board allows easy management

Wiki for your documentation needs





Up next:
Working with Organizations and
Teams

