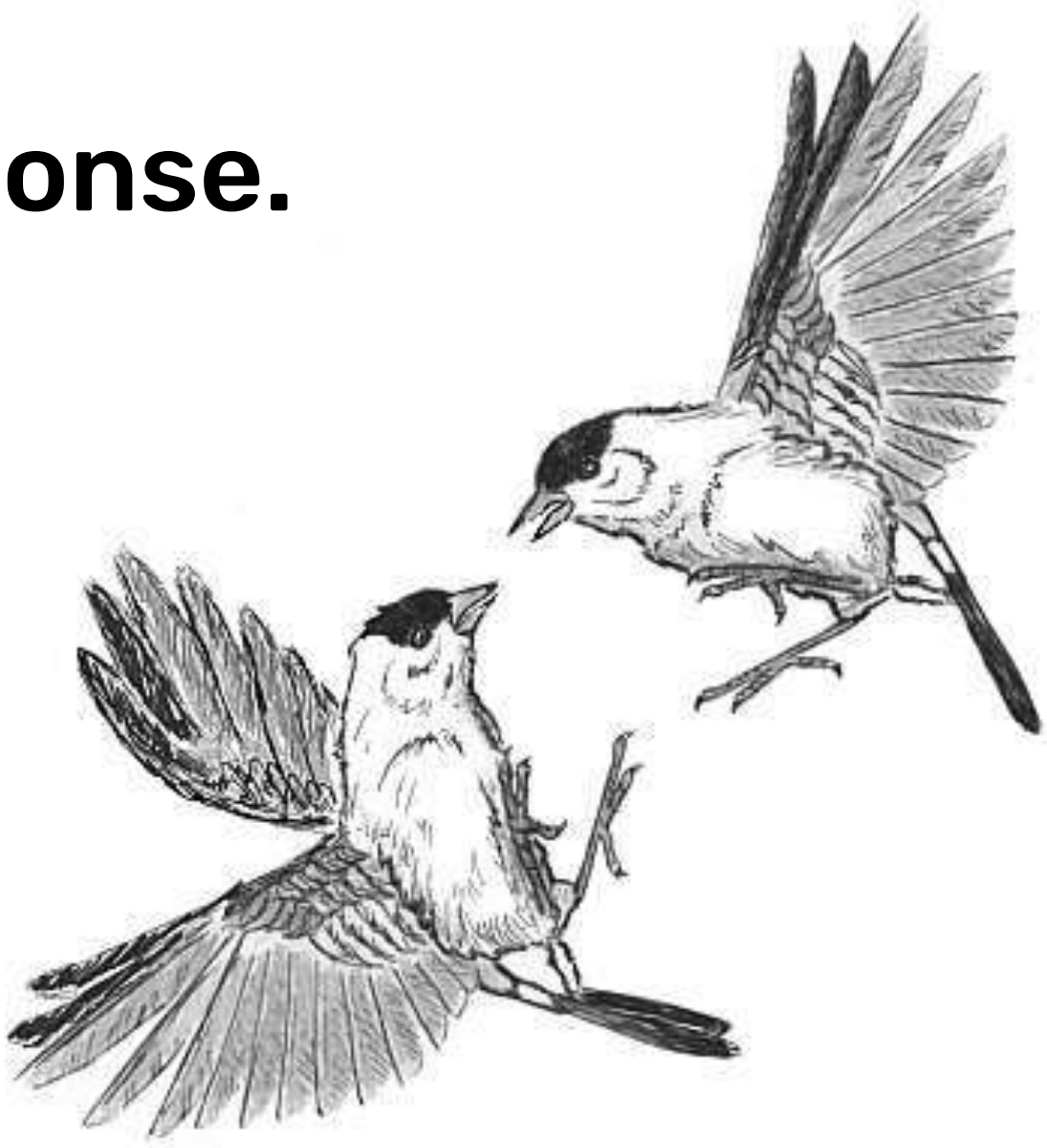
Dave Rupert • @davatron5000

One day hundreds of JIRA tickets showed up in my inbox…

This triggered my
fight or flight response.



Some simple math told me…

313 ÷ 5 = 63 == 2+

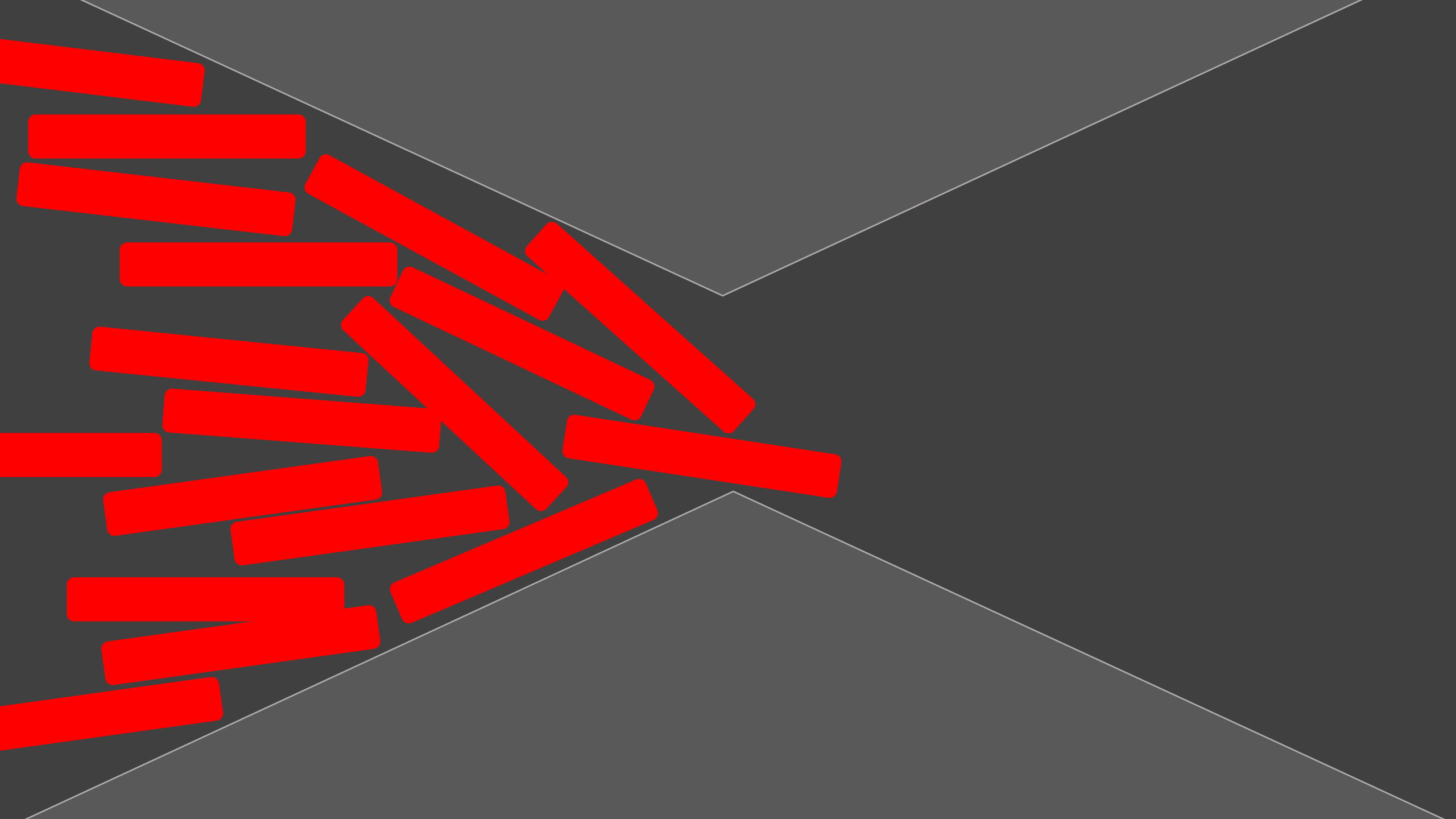
ISSUES

ISSUES PER SPRINT

SPRINTS

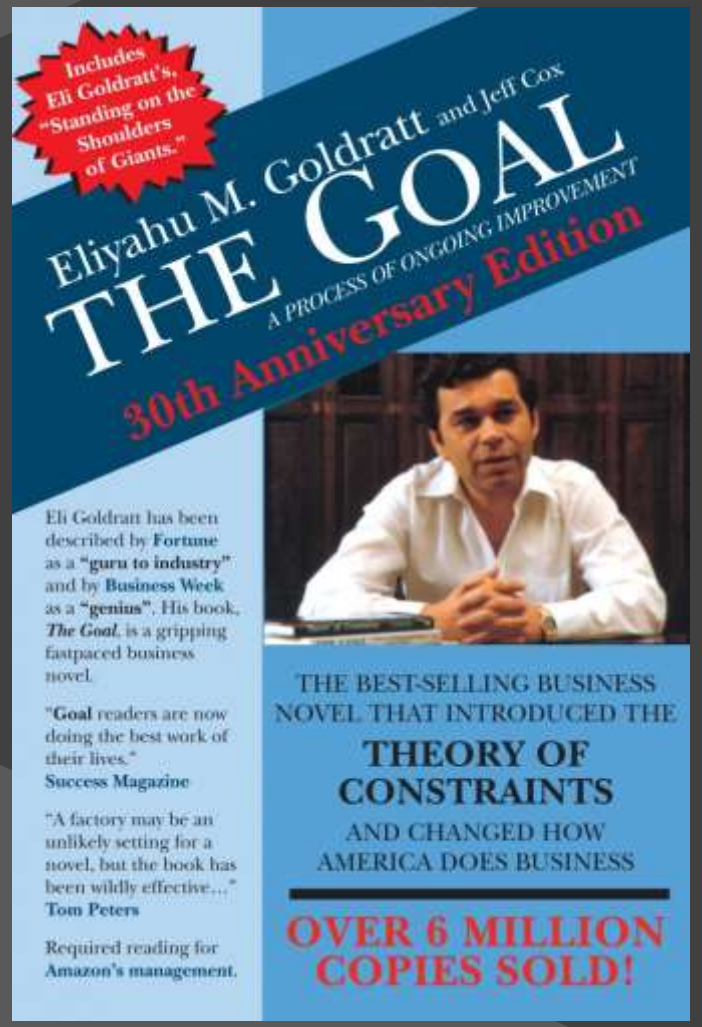
YEARS

We had created a log jam.

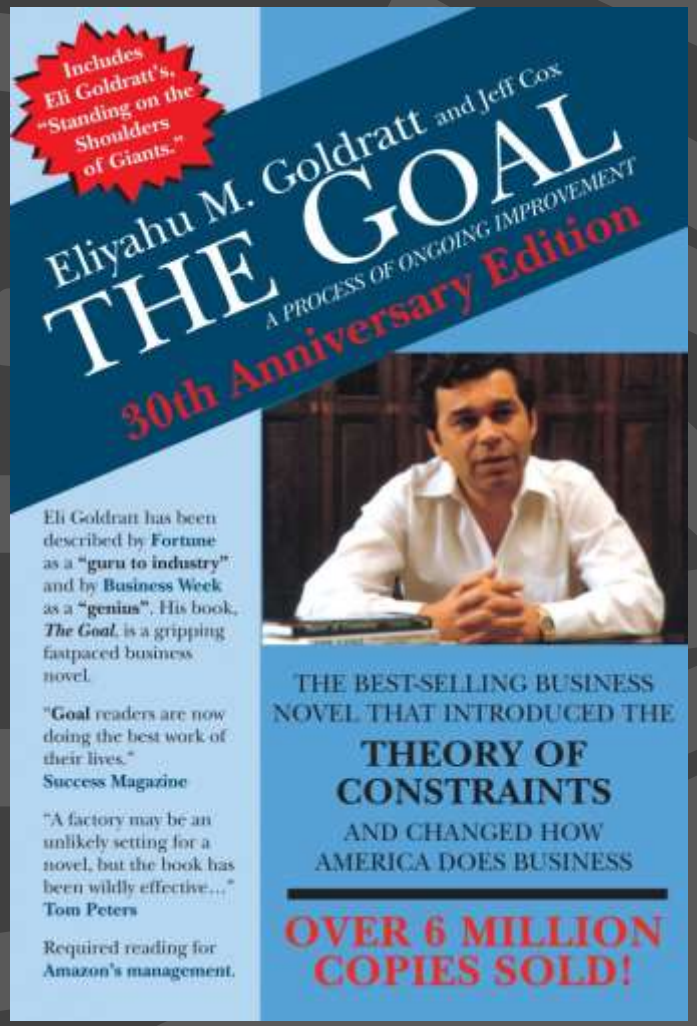


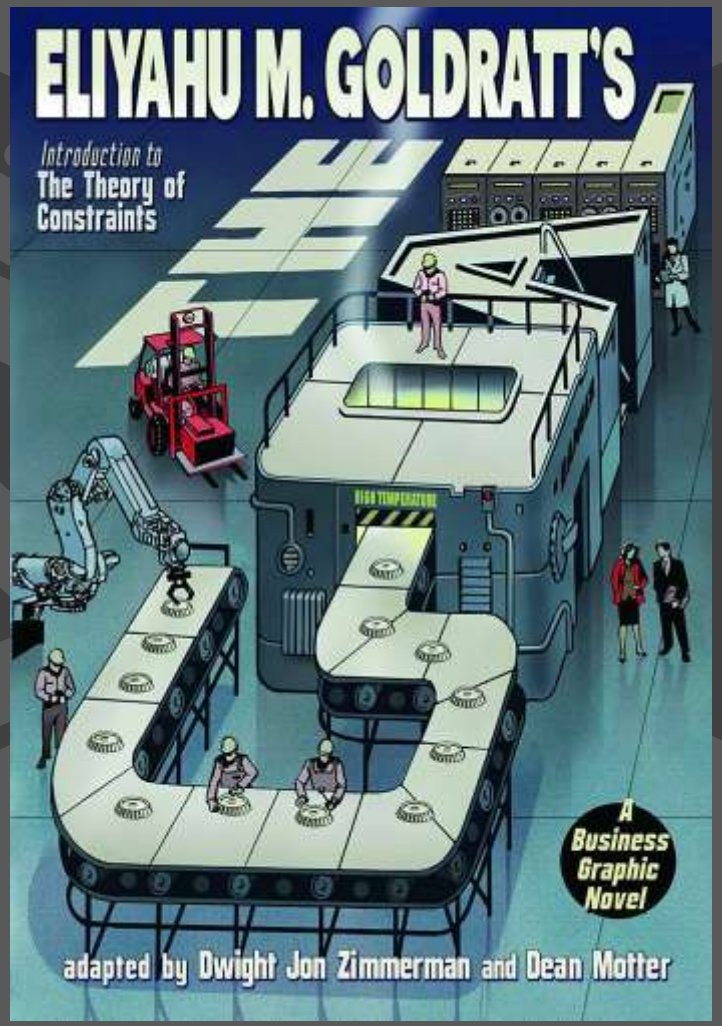
The Theory of Constraints

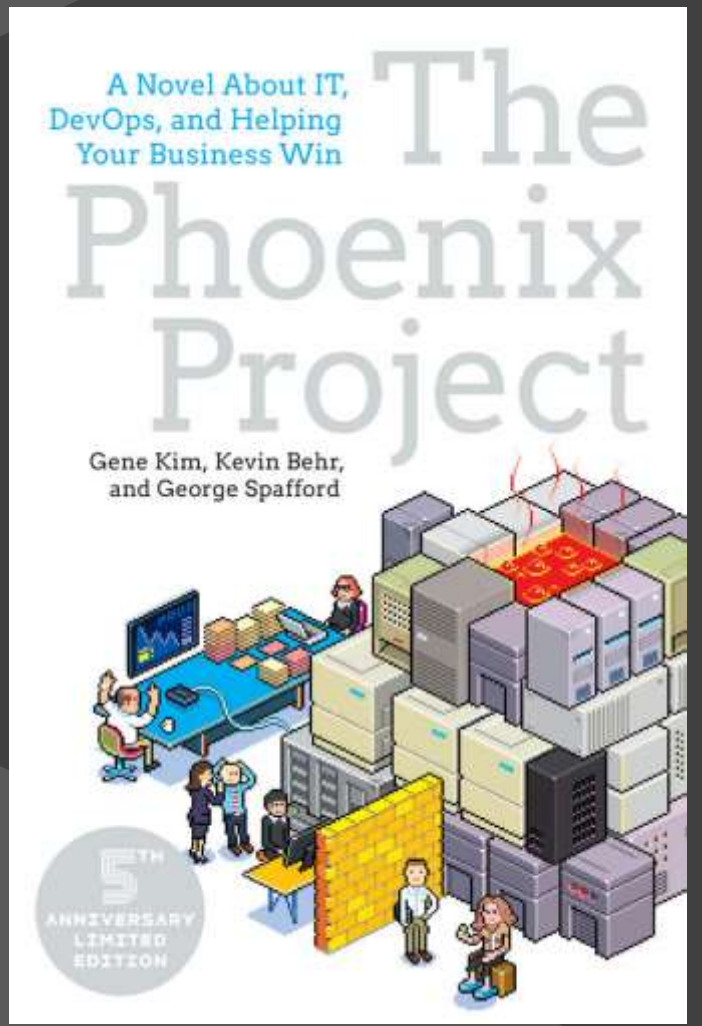
The Theory of Constraints



The Theory of Constraints

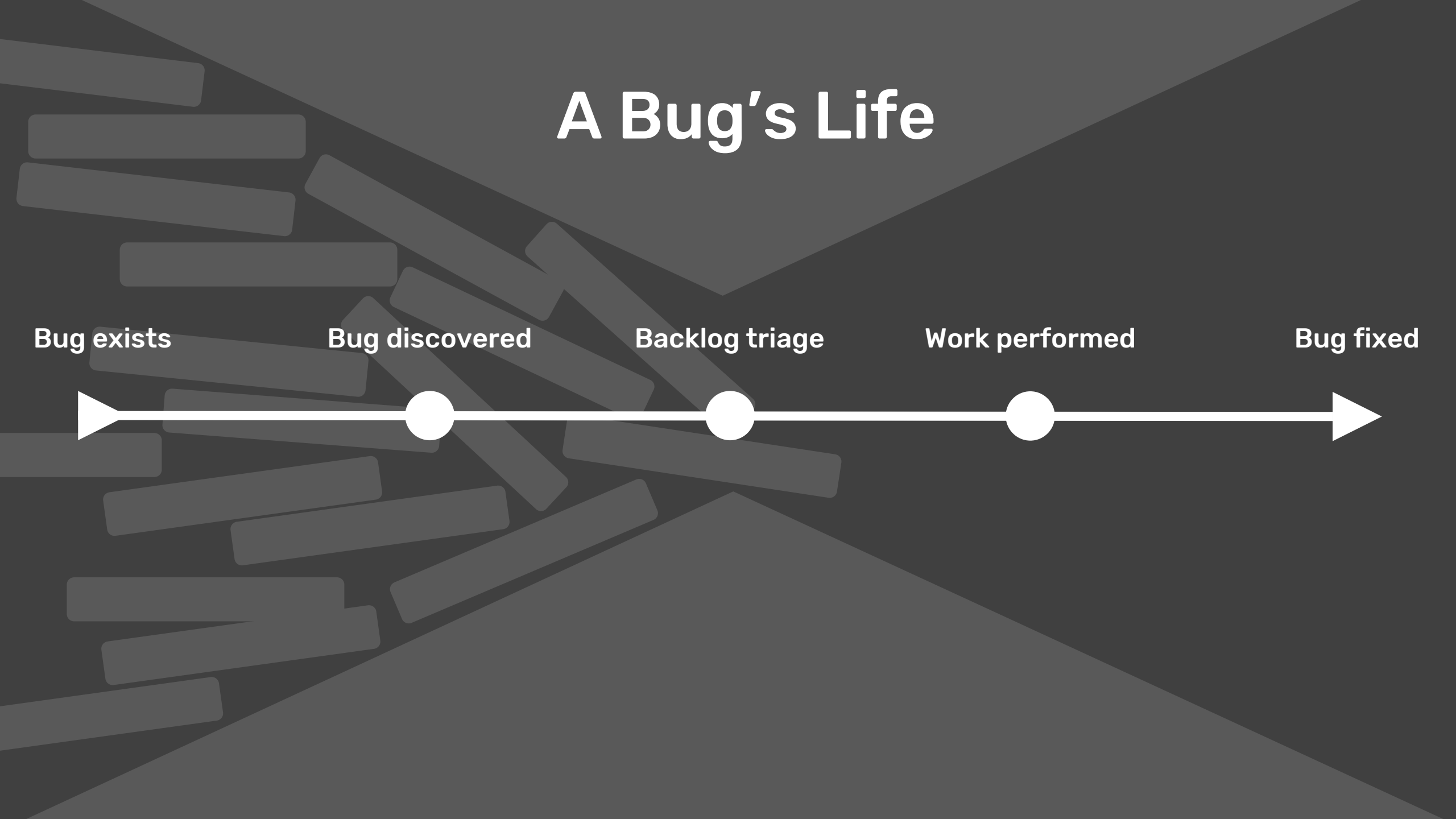






The Theory of Constraints

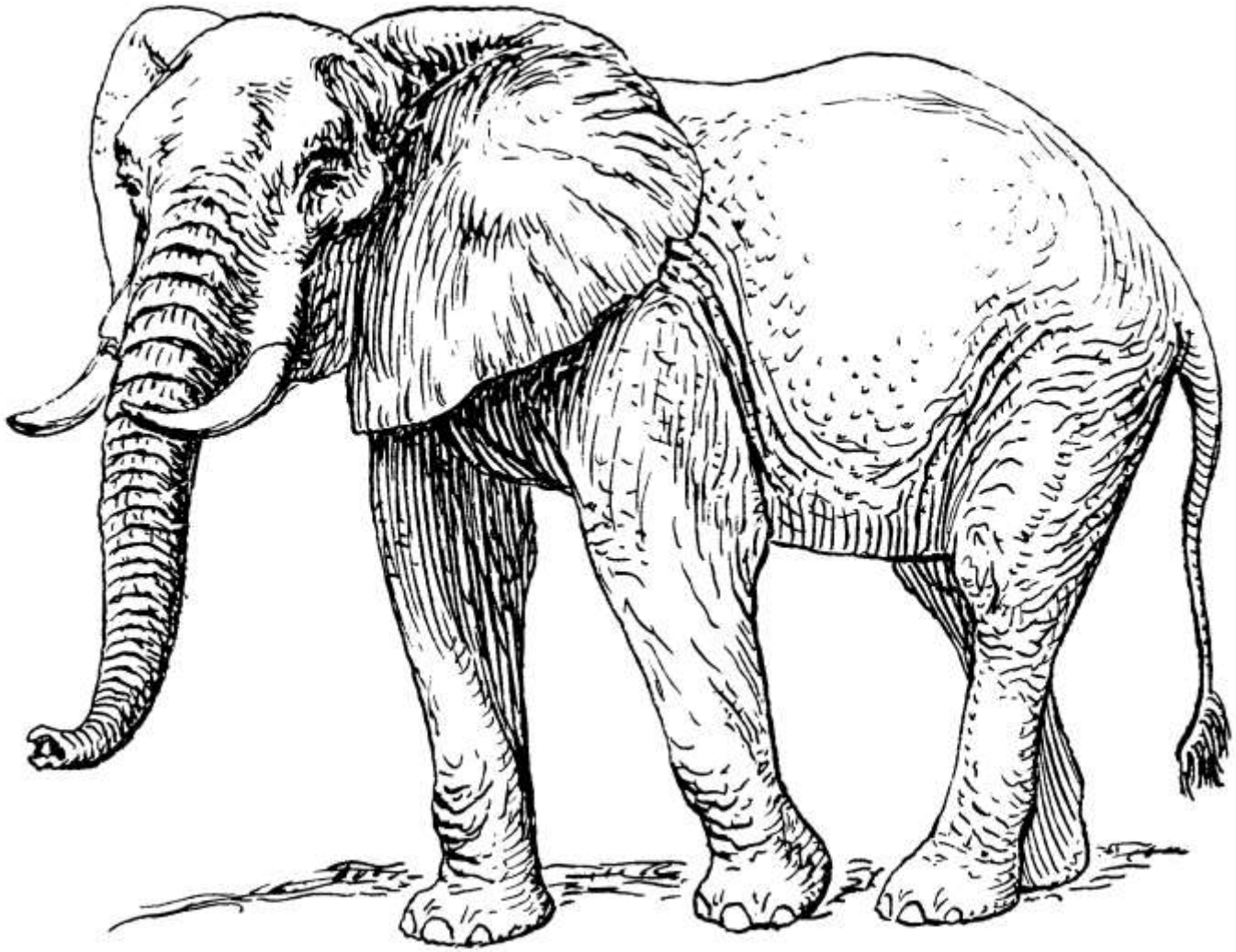
A Bug's Life


Bug exists
Bug discovered
Backlog triage
Work performed
Bug fixed

#NOBACKLOGS?

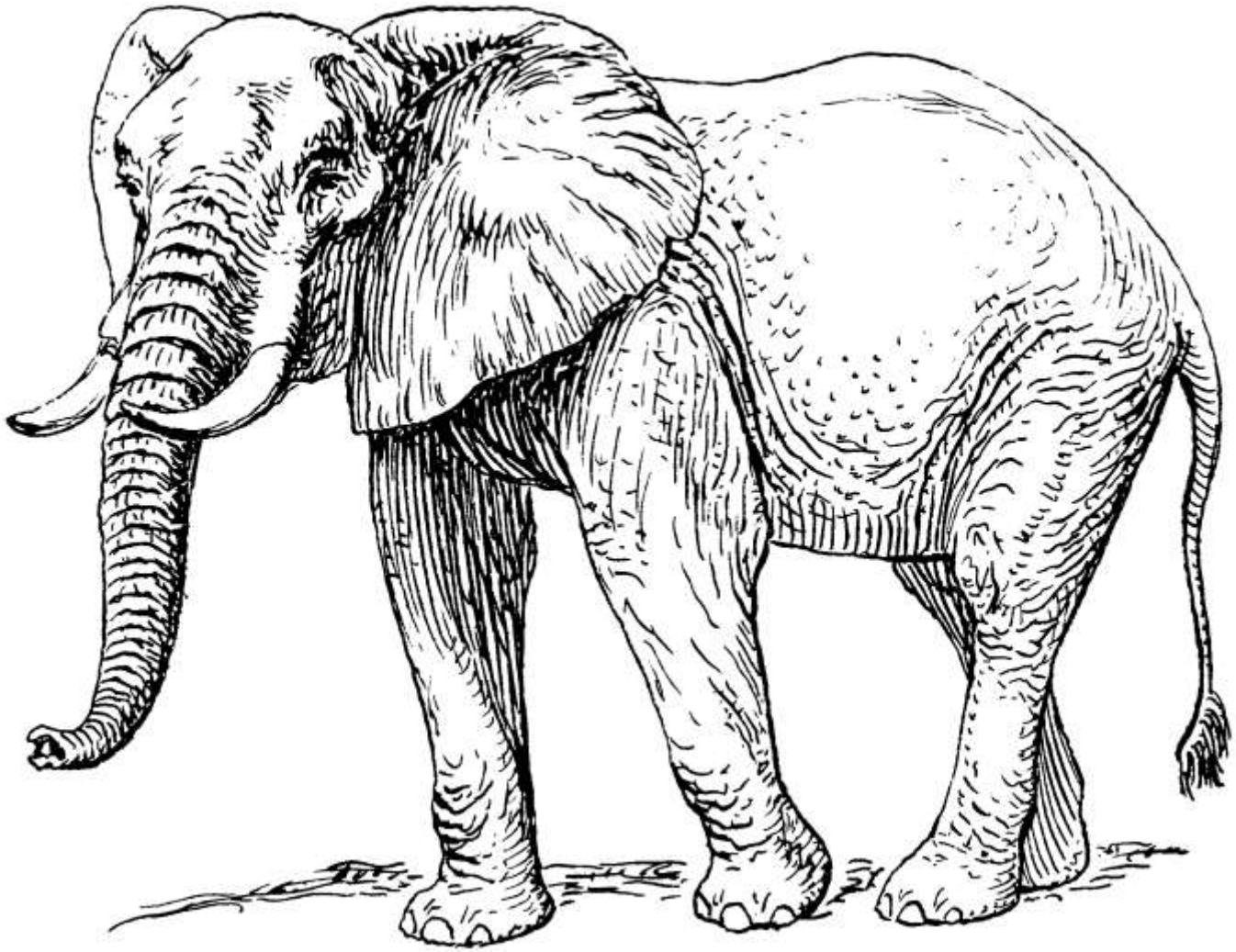
We needed to undo our backlog jam.

How do you eat the proverbial elephant?



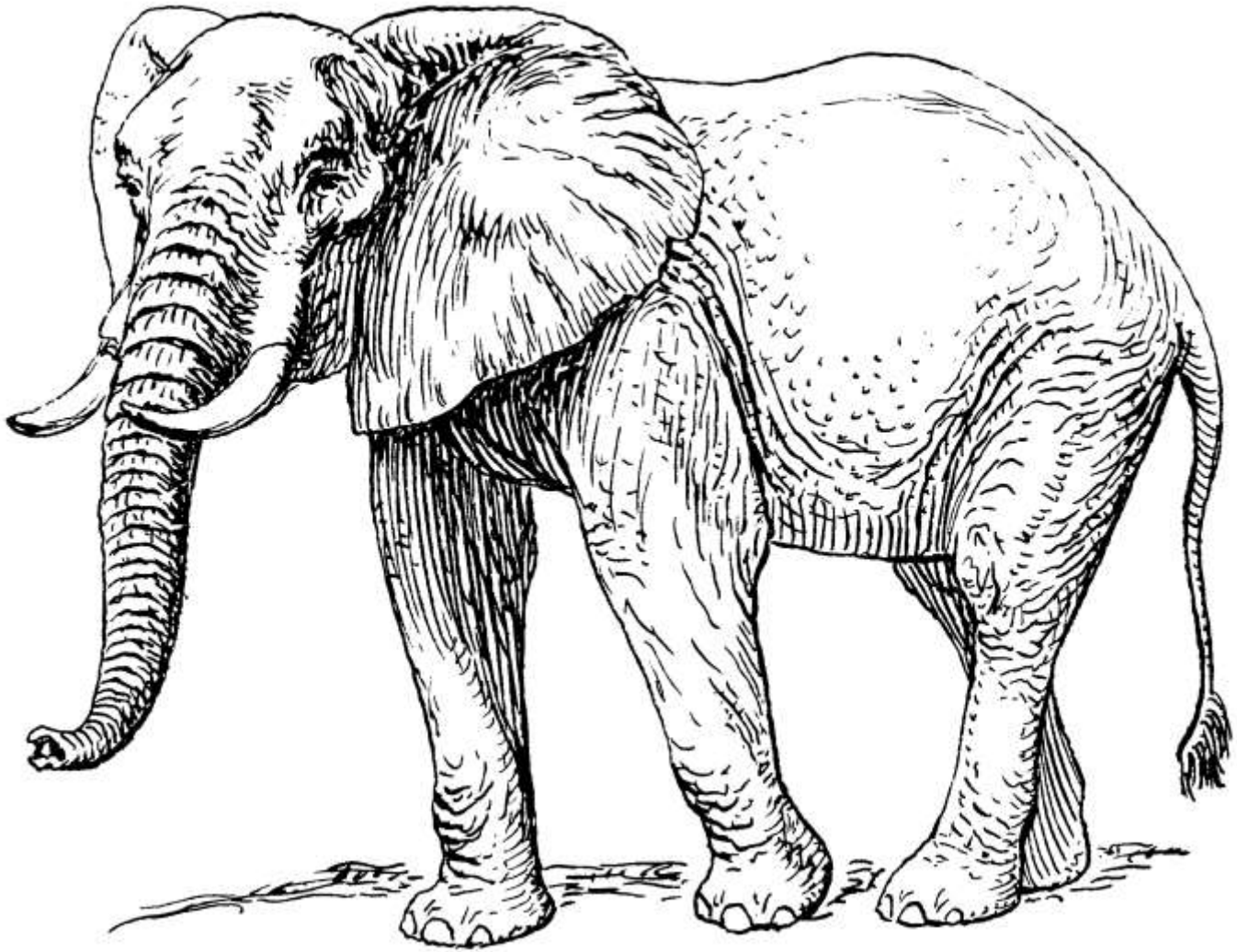
Conventional wisdom:

One bite at a time.



My perspective:

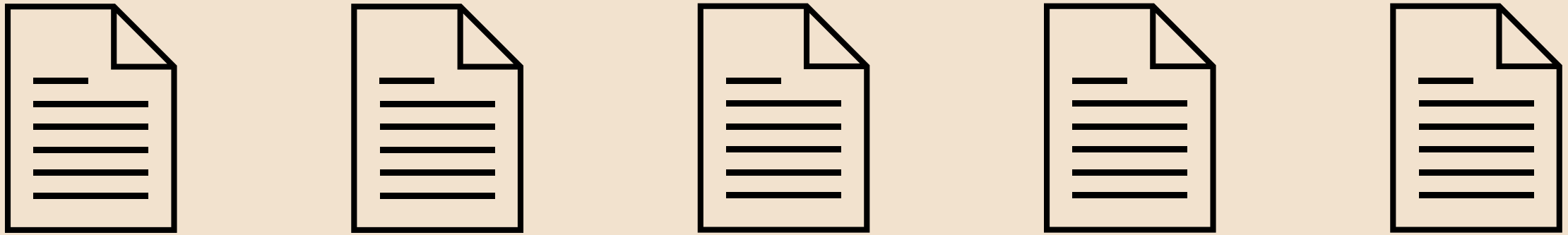
Find the most delicious and easiest to eat parts first.



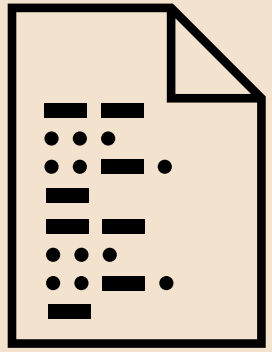
Understanding how accessibility audits are performed

HARRY R. CUNNINGHAM,
State Auditor, Helena.

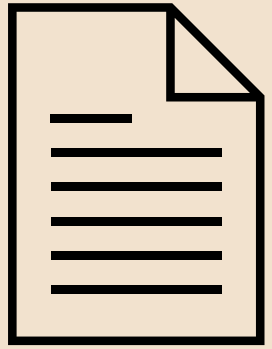
Often done screen by screen,
button by button,
requirement by requirement,
browser by browser,
platform by platform



Often focused on the `output` and ignorant of the `input`

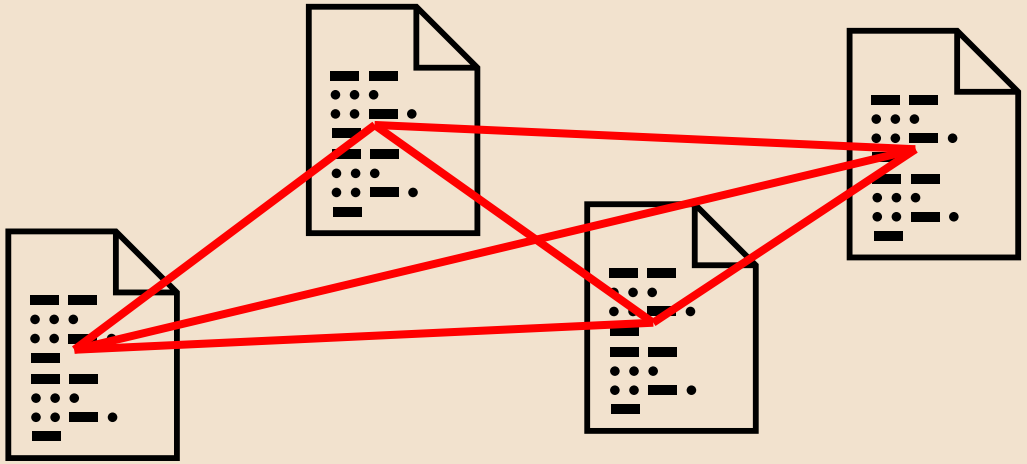


`input`

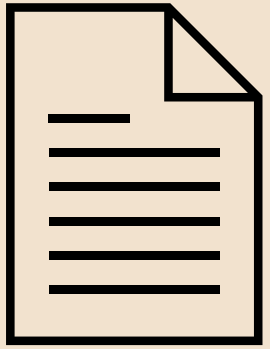


`output`

Often focused on the output and ignorant of the input

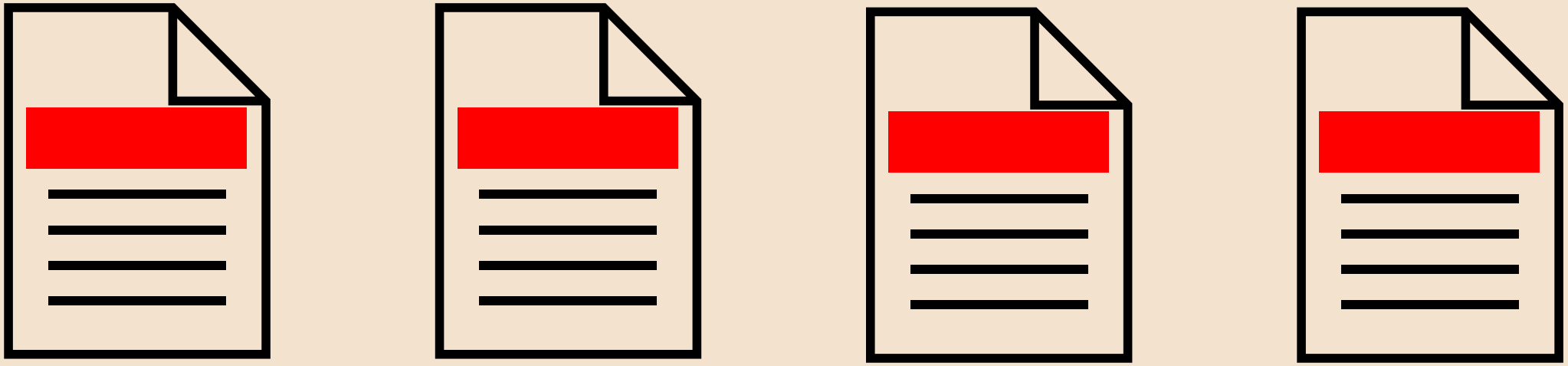


input

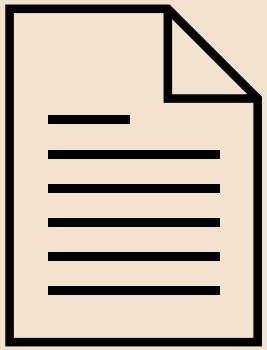


output

Often very repetitive due to how we reuse our code

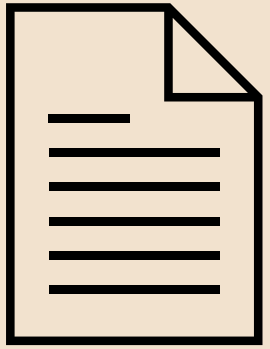


Often ignorant of “easy” vs “hard” in the underlying systems



`production database`

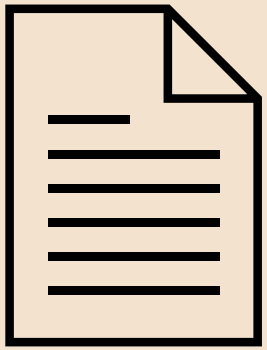
`high effort`



`static site`

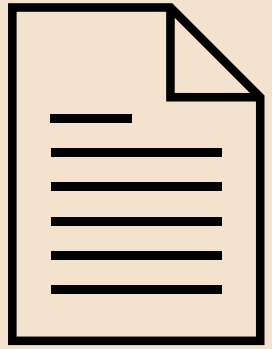
`low effort`

Often ignorant of metrics and relative importance of the page



1,000,000 views

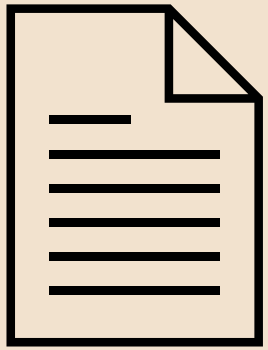
high impact



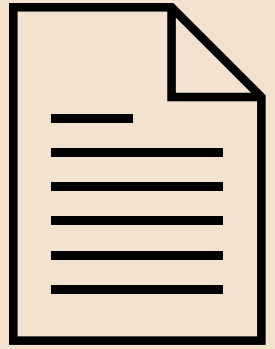
5,000 views

low impact

e.g. `alt` text is missing

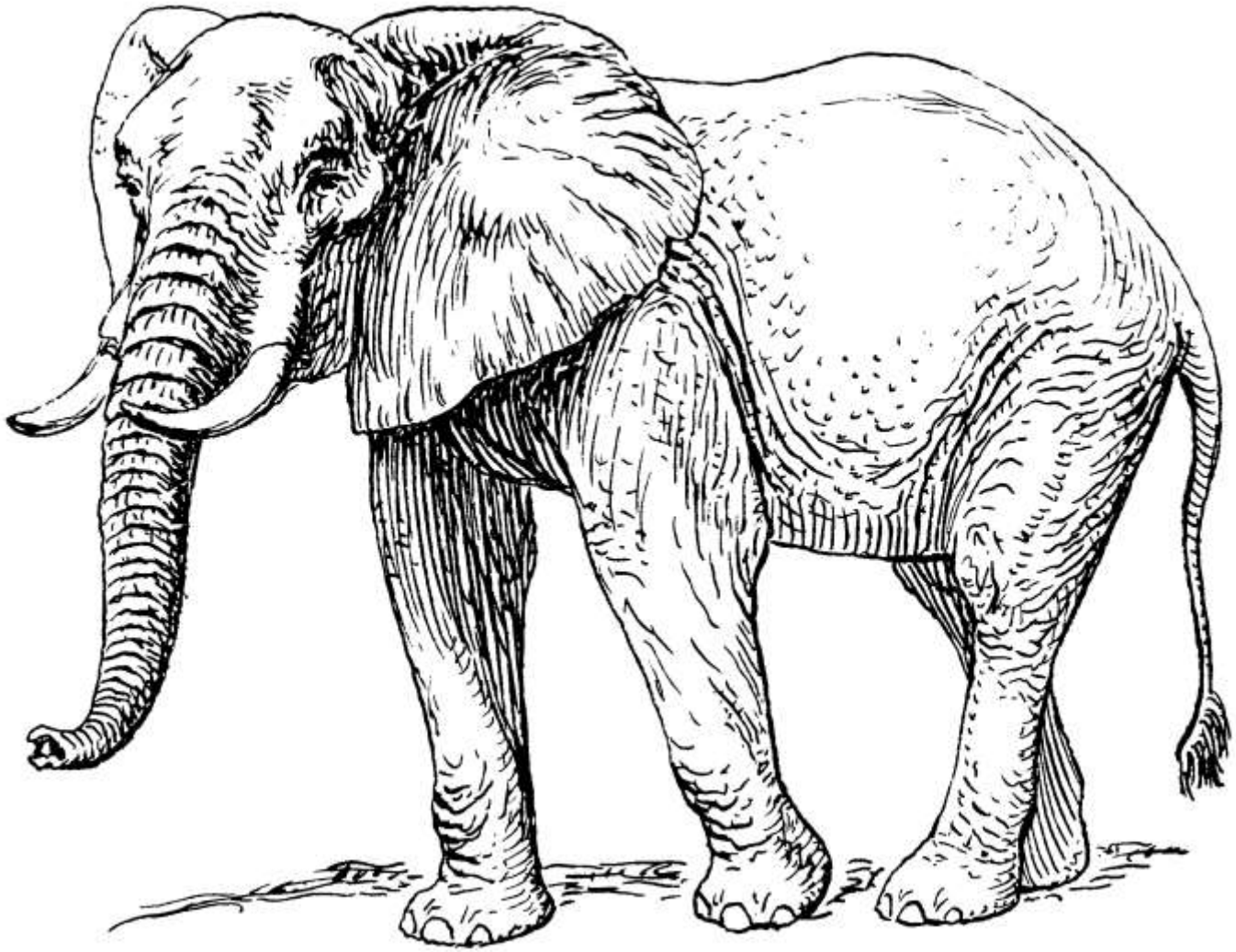


production database
1,000,000 views
weeks to fix

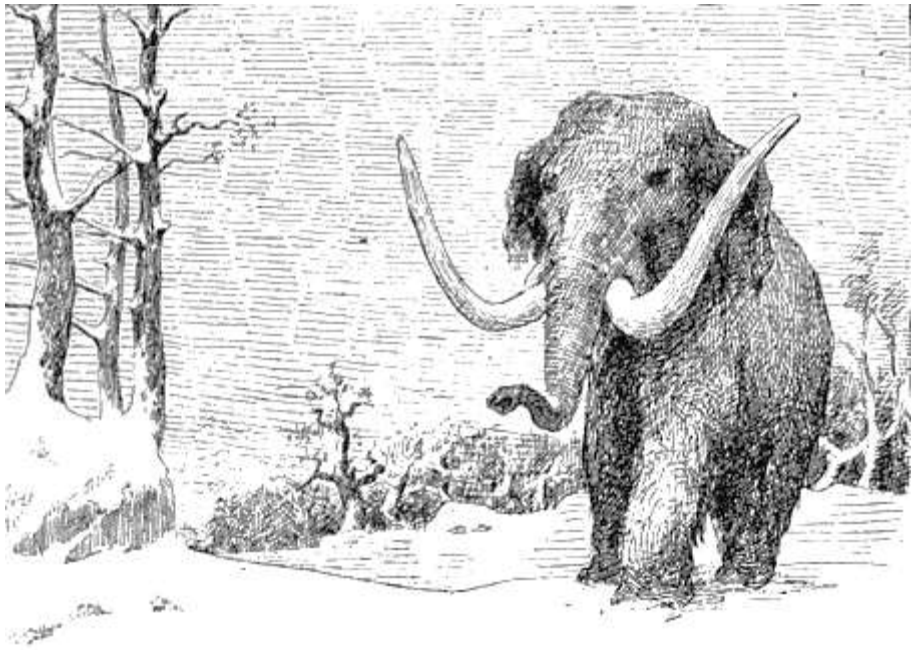


static site
5,000 views
minutes to fix

How do you eat the proverbial elephant?



We were struggling with digestive issues.



Steve Klabnik's website
https://steveklabnik.com/writing/how-to-be-an-open-source-gardener
Guest

How to be an open source gardener

April 14, 2014

I do a lot of work on open source, but my most valuable contributions haven't been code. Writing a patch is the easiest part of open source. The truly hard stuff is all of the *rest*: bug trackers, mailing lists, documentation, and other management tasks. Here's some things I've learned along the way.

It was RailsConf 2012. I sat in on a panel discussion, and the number of issues open on rails/rails came up. There were about 800 issues at the time, and had been for a while. Inquiring minds wished to know if that number was ever going to drop, and how the community could help. It was brought up that there was an 'Issues team,' whose job would be to triage issues. I enthusiastically volunteered.

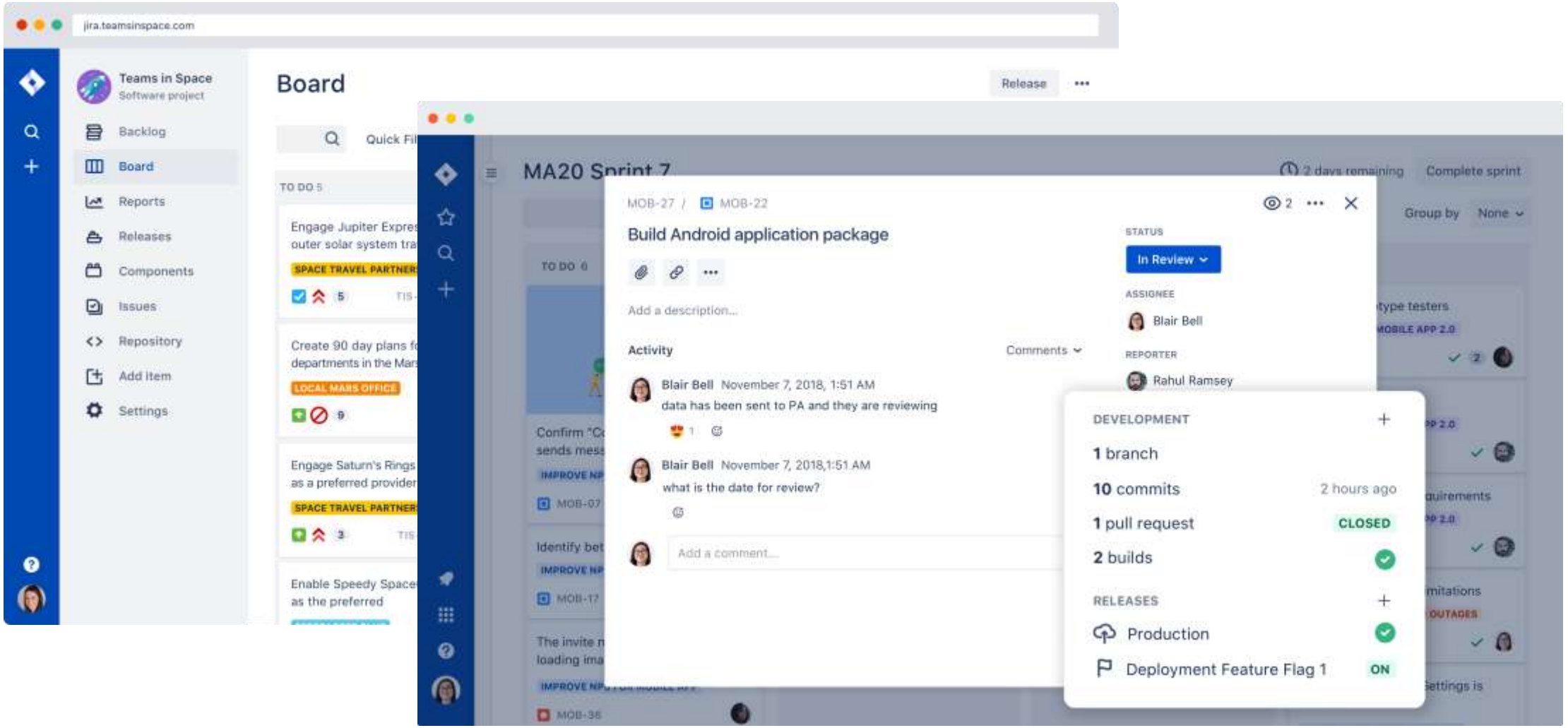
But what does 'issue triage' *mean*, exactly? Well, on a project as large as Rails, there are a ton of issues that are incomplete, stale, need more information… and nobody was tending to them. It's kind of like a garden: you need someone to pull weeds, and do it often and regularly.

But before we talk about how to pull the weeds, let's figure out what kind of garden we even have on our hands!

What are Issues?

The very first thing your project needs to do is to figure out what Issues are supposed to be for. Each project is different. For example, in Rails, we keep Issues strictly for bugs only. Help questions go to Stack Overflow, and new feature discussion and requests go to the rails-core mailing list. For Rust, we have issues for feature requests, meta-issues… everything. For some repositories, closing all of the issues is not feasible, and for others, you're shooting for zero. (If you don't believe that this is even possible, check out Sequel. Issues are rarely

Hitting the limitations of JIRA



It was easier to triage in Excel

ID	Summary	Priority
PROJ-123	Missing alt attribute on page	HIGH
PROJ-124	Focus not visible on hamburger menu	HIGH
PROJ-125	Page is missing alt attribute	MED
PROJ-126	Missing 3:1 contrast on search	LOW
PROJ-127	Focus not visible on checkout	MED

Which page is effected?

ID	Summary	Page	Priority
PROJ-123	Missing alt attribute on page	/about	HIGH
PROJ-124	Focus not visible on hamburger menu	All	HIGH
PROJ-125	Page is missing alt attribute	/features	MED
PROJ-126	Missing 3:1 contrast on search	All	LOW
PROJ-127	Focus not visible on checkout	/checkout	MED

Which component is effected?

ID	Summary	Page	Component	Priority
PROJ-123	Missing alt attribute on page	/about	Image	HIGH
PROJ-124	Focus not visible on hamburger menu	All	Header	HIGH
PROJ-125	Page is missing alt attribute	/features	Image	MED
PROJ-126	Missing 3:1 contrast on search	All	Header, Forms	LOW
PROJ-127	Focus not visible on checkout	/checkout	Forms	MED

Which WCAG violation?

ID	Summary	Page	Component	WCAG Violation	Priority
PROJ-123	Missing alt attribute on page	/about	Image	Non-text content	HIGH
PROJ-124	Focus not visible on hamburger menu	All	Header	Focus visible	HIGH
PROJ-125	Page is missing alt attribute	/features	Image	Non-text content	MED
PROJ-126	Missing 3:1 contrast on search	All	Header, Forms	Non-text contrast	LOW
PROJ-127	Focus not visible on checkout	/checkout	forms	Focus visible	MED

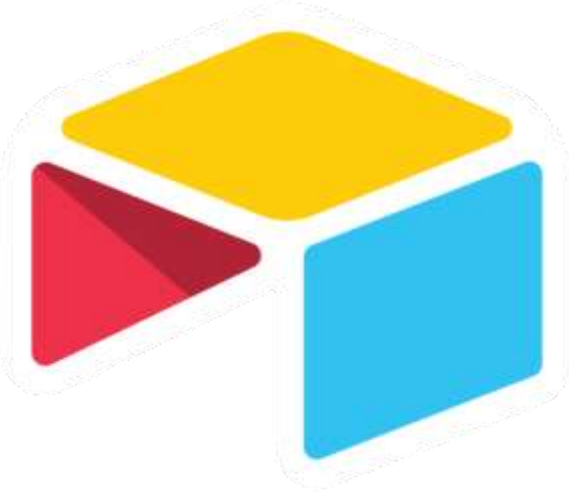
New dimensions appear!

ID	Summary	Page	Component	WCAG Violation	Priority
PROJ-123	Missing alt attribute on page	/about	Image	Non-text content	HIGH
PROJ-124	Focus not visible on hamburger menu	All	Header	Focus visible	HIGH
PROJ-125	Page is missing alt attribute	/features	Image	Non-text content	MED
PROJ-126	Missing 3:1 contrast on search	All	Header, Forms	Non-text contrast	LOW
PROJ-127	Focus not visible on checkout	/checkout	Forms	Focus visible	MED
5		4	3	3	

…But we can only really visualize one dimension at a time.

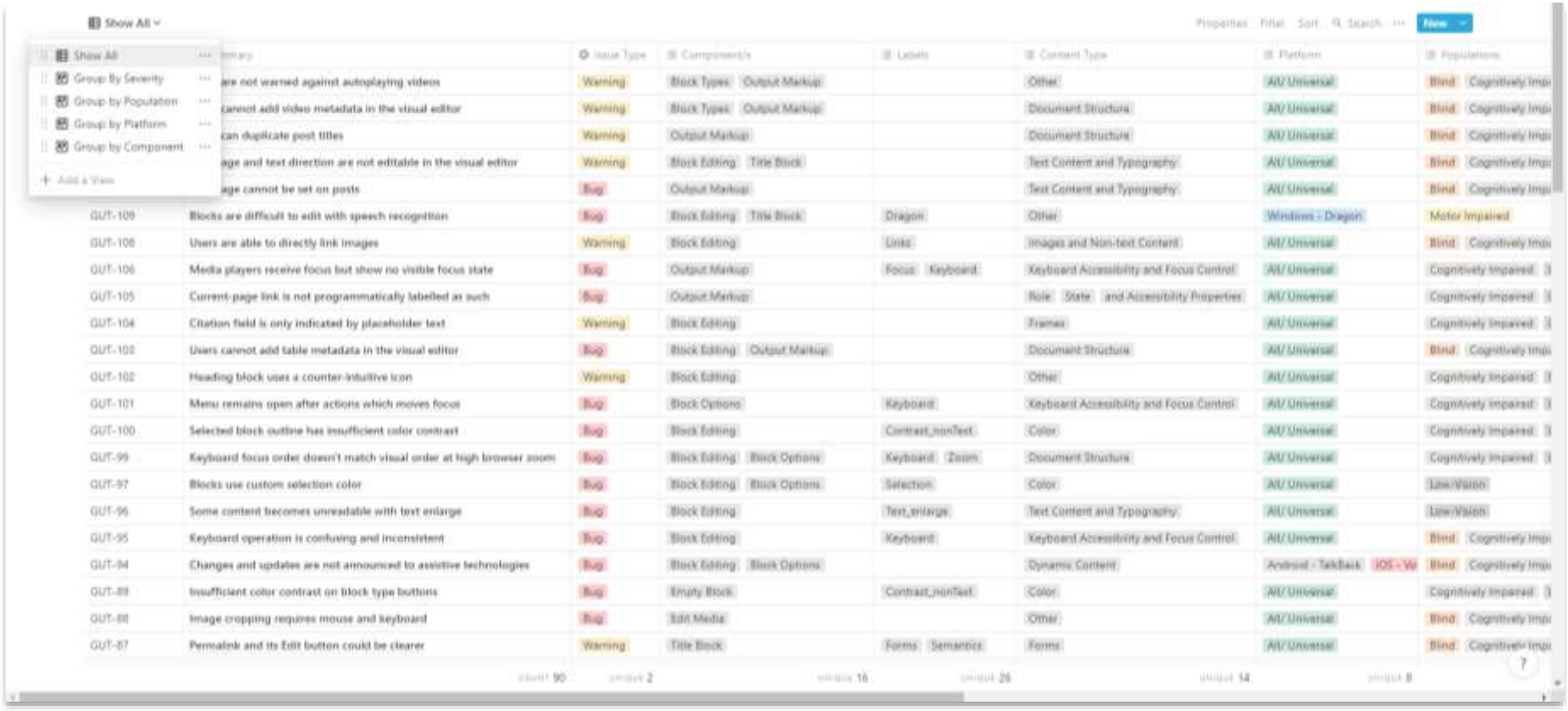
Can we leverage modern spreadsheeting applications?

notion.so

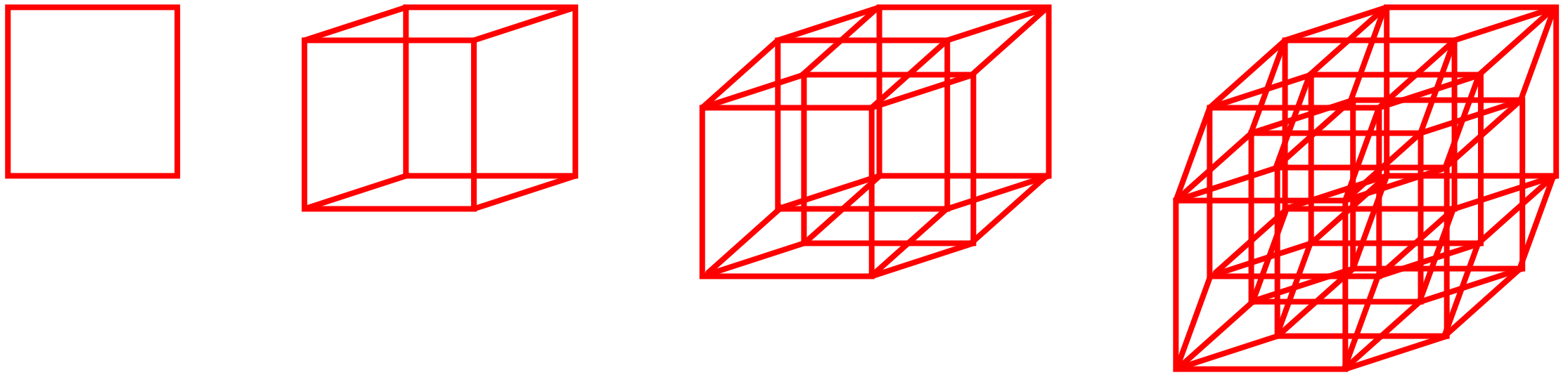


airtable.com

Maybe we could experience multiple dimensions at once



How-to create a multi-dimensional accessibility audit.



WPCampus releases results of t

https://www.wpcampus.org/blog/2019/05/gutenberg-audit-results/

Guest

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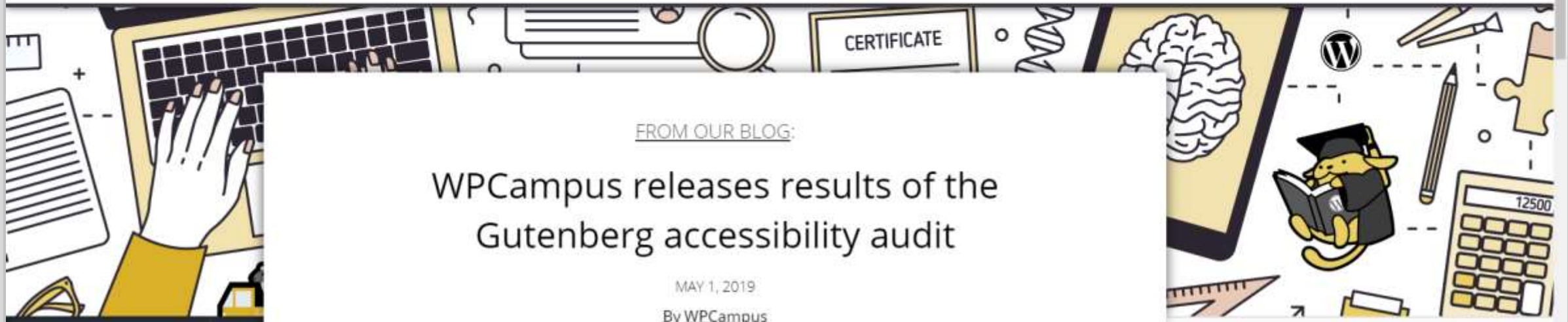

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FROM OUR BLOG:

WPCampus releases results of the Gutenberg accessibility audit

MAY 1, 2019

By WPCampus

Accessibility, Gutenberg

In late 2018, WPCampus released a request for proposals to conduct an accessibility audit of the WordPress block editor, also known as Gutenberg. In early 2019, we announced our selection of Tenon, LLC to conduct the audit, at a cost of $31,200.

Today, we're excited to release Tenon's report on the accessibility of the new editor.

This report was made possible by the extraordinary generosity of more than 100 members of the WordPress community, who collectively contributed $10,264 to fund this project. We're also grateful to Matt Mullenweg and Automattic, who pledged to ensure that the audit would be fully funded and are covering the balance of the cost of this effort.

In addition, this audit would not be possible without the members of our vendor selection committee. These amazing and talented

Registration for WPCampus 2020 Online is open! Our two-day event will include general lectures, lightning talks, sponsor demonstrations, and trivia! We're also matching donations in support of the vital #BlackLivesMatter movement, technology education, and those struggling with COVID19.

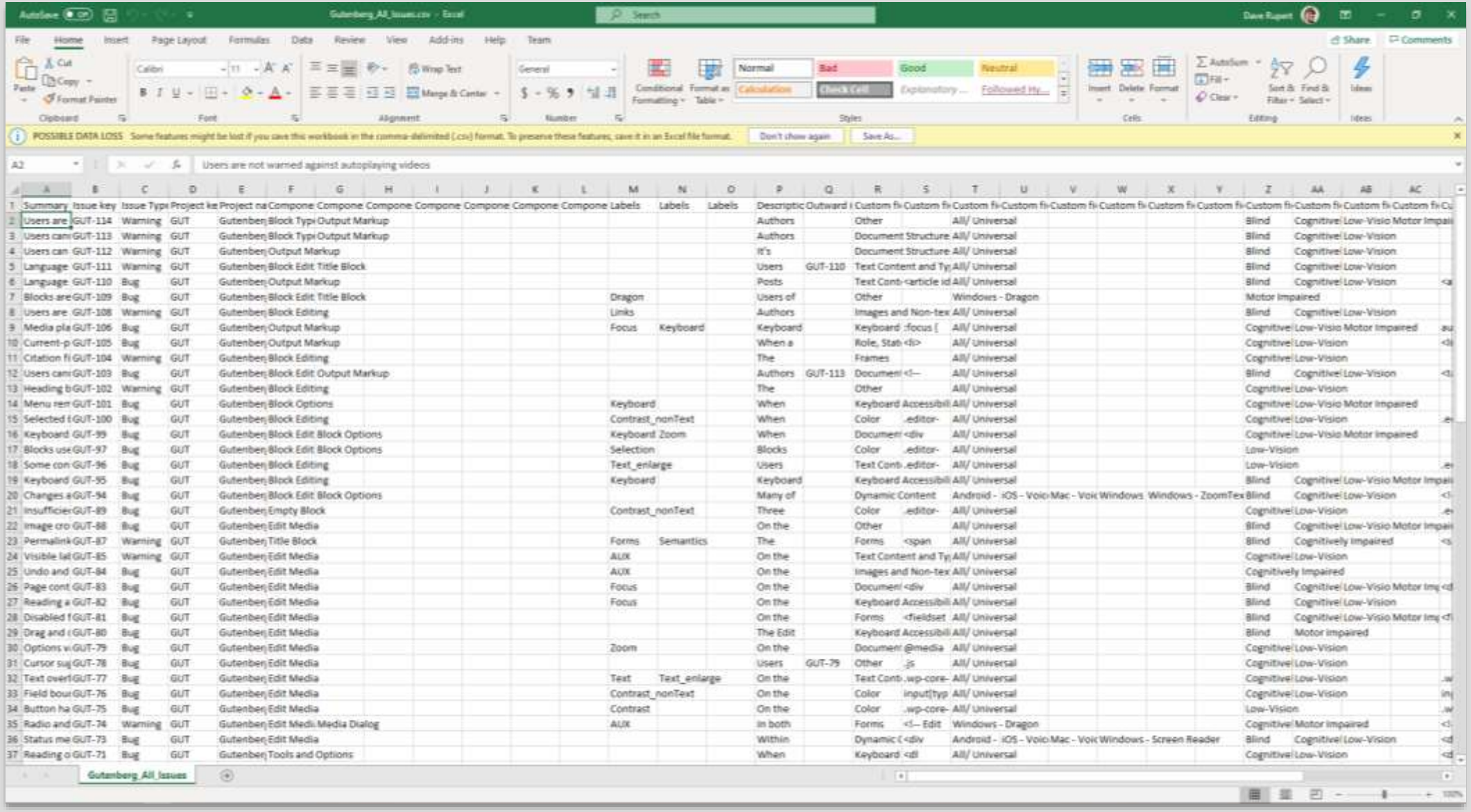
From our Blog

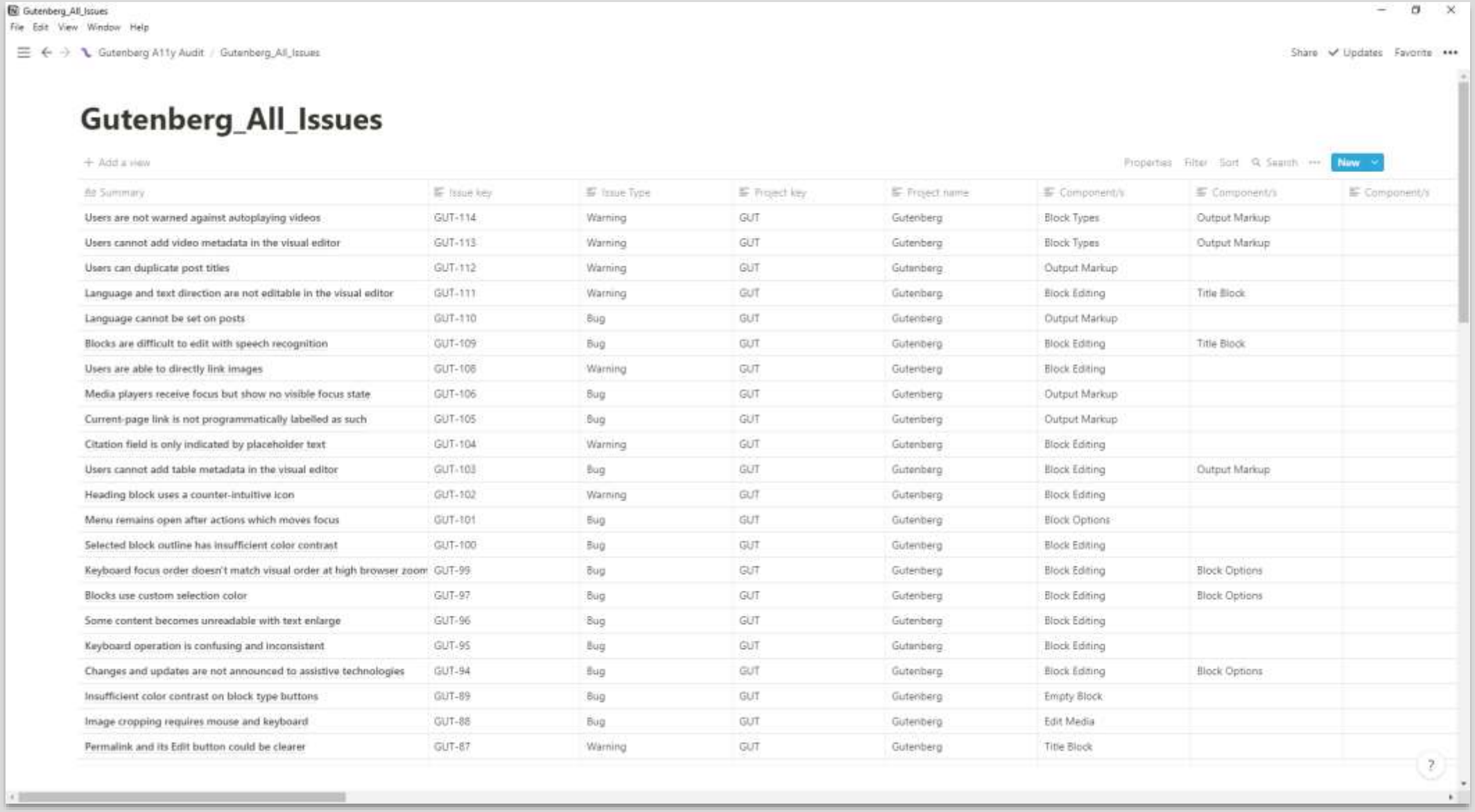
Registration is open for WPCampus 2020 Online

June 25, 2020 – By WPCampus

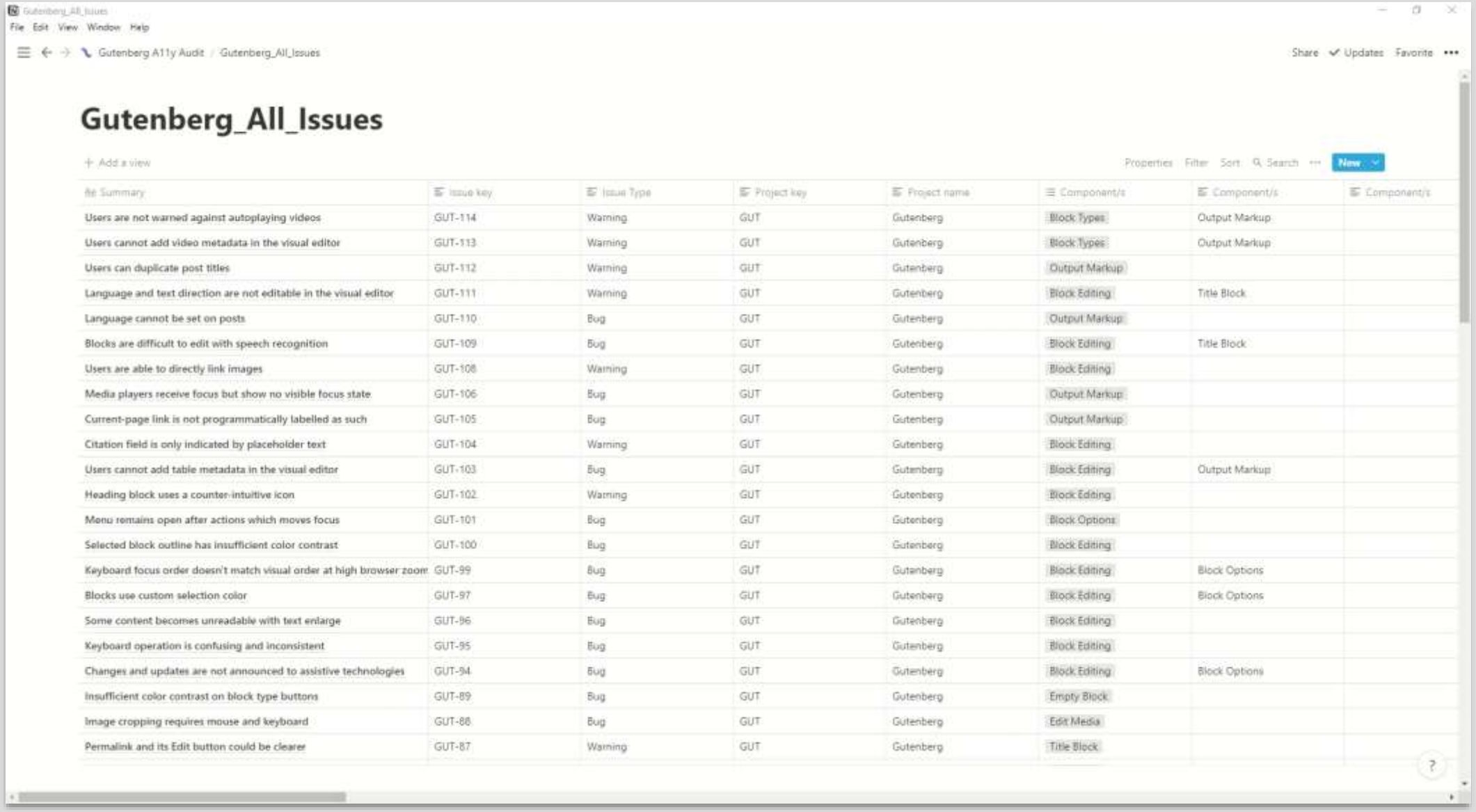
The WPCampus 2020 Online planning committee is proud to announce the WPCampus 2020 Online

Step 1.
Import data




Gutenberg_All_Issues
File Edit View Window Help
Gutenberg A11y Audit / Gutenberg_All_Issues
Share Updates Favorite
Gutenberg_All_Issues
+ Add a view
Properties Filter Sort Search New
Aa Summary | Issue key | Issue Type | Project key | Project name | Component/s | Component/s | Component/s
Users are not warned against autoplaying videos | GUT-114 | Warning | GUT | Gutenberg | Block Types | Output Markup
Users cannot add video metadata in the visual editor | GUT-113 | Warning | GUT | Gutenberg | Block Types | Output Markup
Users can duplicate post titles | GUT-112 | Warning | GUT | Gutenberg | Output Markup
Language and text direction are not editable in the visual editor | GUT-111 | Warning | GUT | Gutenberg | Block Editing | Title Block
Language cannot be set on posts | GUT-110 | Bug | GUT | Gutenberg | Output Markup
Blocks are difficult to edit with speech recognition | GUT-109 | Bug | GUT | Gutenberg | Block Editing | Title Block
Users are able to directly link images | GUT-108 | Warning | GUT | Gutenberg | Block Editing
Media players receive focus but show no visible focus state | GUT-106 | Bug | GUT | Gutenberg | Output Markup
Current-page link is not programmatically labelled as such | GUT-105 | Bug | GUT | Gutenberg | Output Markup
Citation field is only indicated by placeholder text | GUT-104 | Warning | GUT | Gutenberg | Block Editing
Users cannot add table metadata in the visual editor | GUT-103 | Bug | GUT | Gutenberg | Block Editing | Output Markup
Heading block uses a counter-intuitive icon | GUT-102 | Warning | GUT | Gutenberg | Block Editing
Menu remains open after actions which moves focus | GUT-101 | Bug | GUT | Gutenberg | Block Options
Selected block outline has insufficient color contrast | GUT-100 | Bug | GUT | Gutenberg | Block Editing
Keyboard focus order doesn't match visual order at high browser zoom | GUT-99 | Bug | GUT | Gutenberg | Block Editing | Block Options
Blocks use custom selection color | GUT-97 | Bug | GUT | Gutenberg | Block Editing | Block Options
Some content becomes unreadable with text enlarge | GUT-96 | Bug | GUT | Gutenberg | Block Editing
Keyboard operation is confusing and inconsistent | GUT-95 | Bug | GUT | Gutenberg | Block Editing
Changes and updates are not announced to assistive technologies | GUT-94 | Bug | GUT | Gutenberg | Block Editing | Block Options
Insufficient color contrast on block type buttons | GUT-89 | Bug | GUT | Gutenberg | Empty Block
Image cropping requires mouse and keyboard | GUT-88 | Bug | GUT | Gutenberg | Edit Media
Permalink and its Edit button could be clearer | GUT-87 | Warning | GUT | Gutenberg | Title Block

Step 2.
Hide columns


Gutenberg_All_Issues
File Edit View Window Help
Gutenberg A11y Audit / Gutenberg_All_Issues
Share Updates Favorite
Gutenberg_All_Issues
+ Add a view
Properties Filter Sort Search New
Aa Summary | Issue key | Issue Type | Project key | Project name | Component/s | Component/s | Component/s
Users are not warned against autoplaying videos | GUT-114 | Warning | GUT | Gutenberg | Block Types | Output Markup
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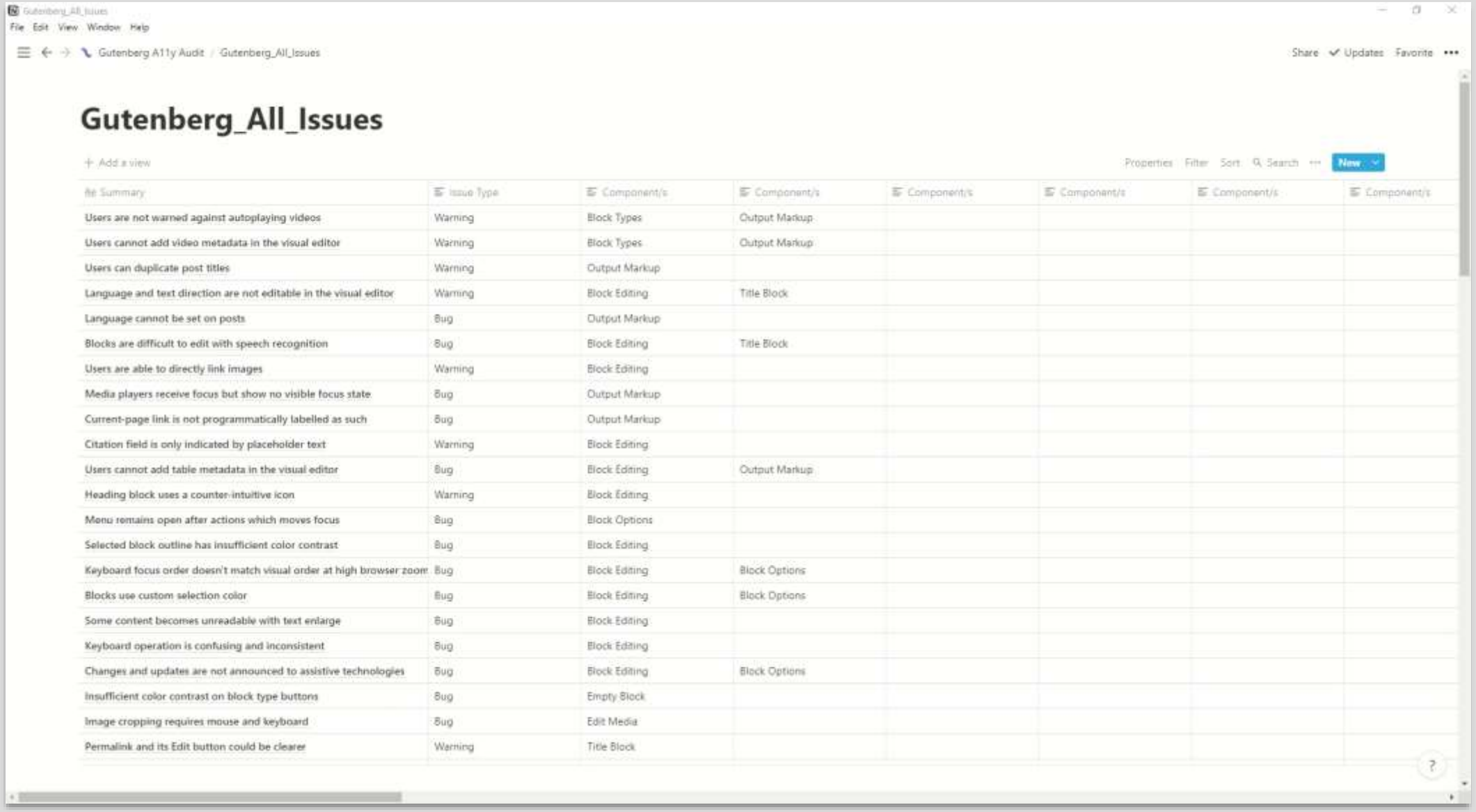
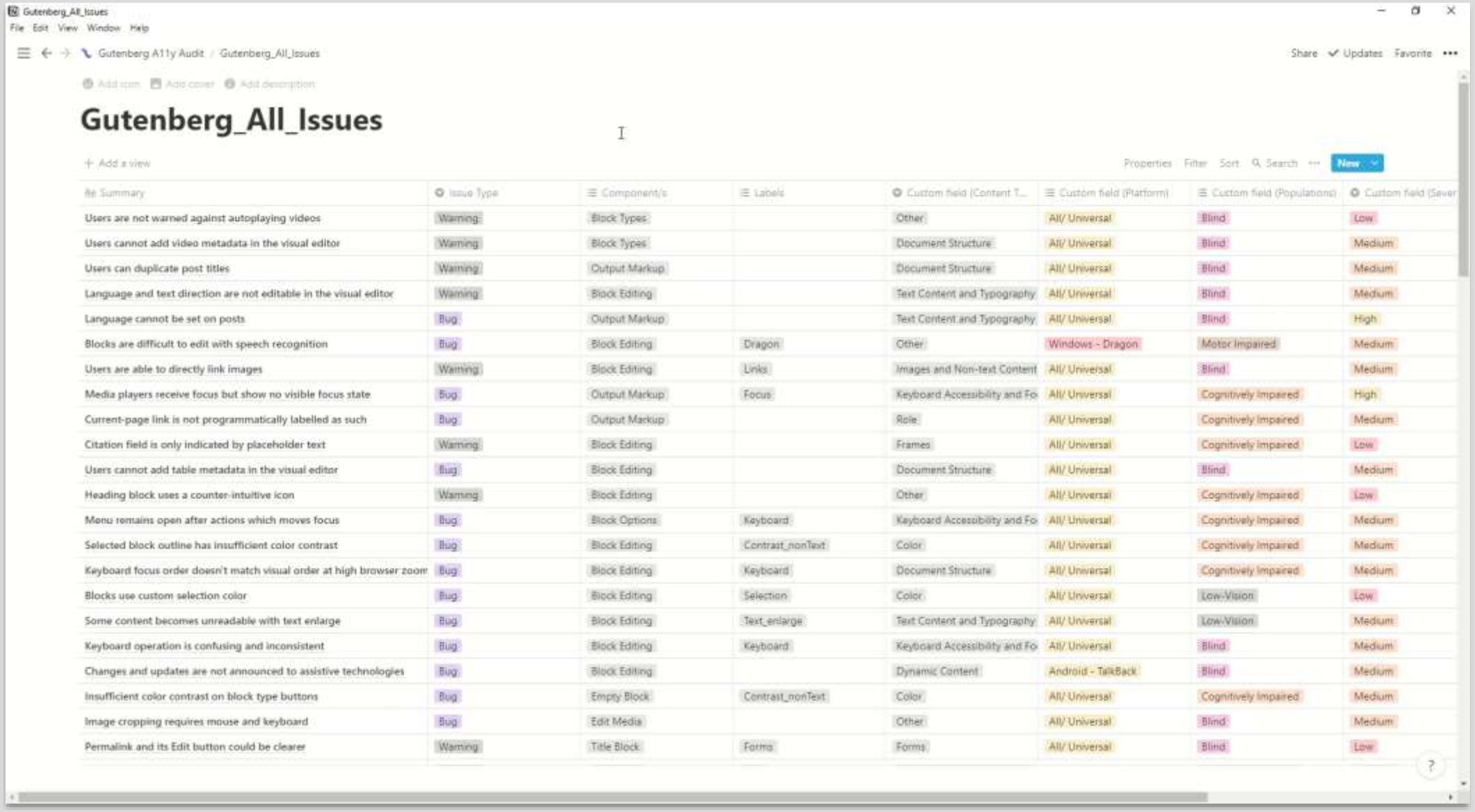
Permalink and its Edit button could be clearer | GUT-87 | Warning | GUT | Gutenberg | Title Block

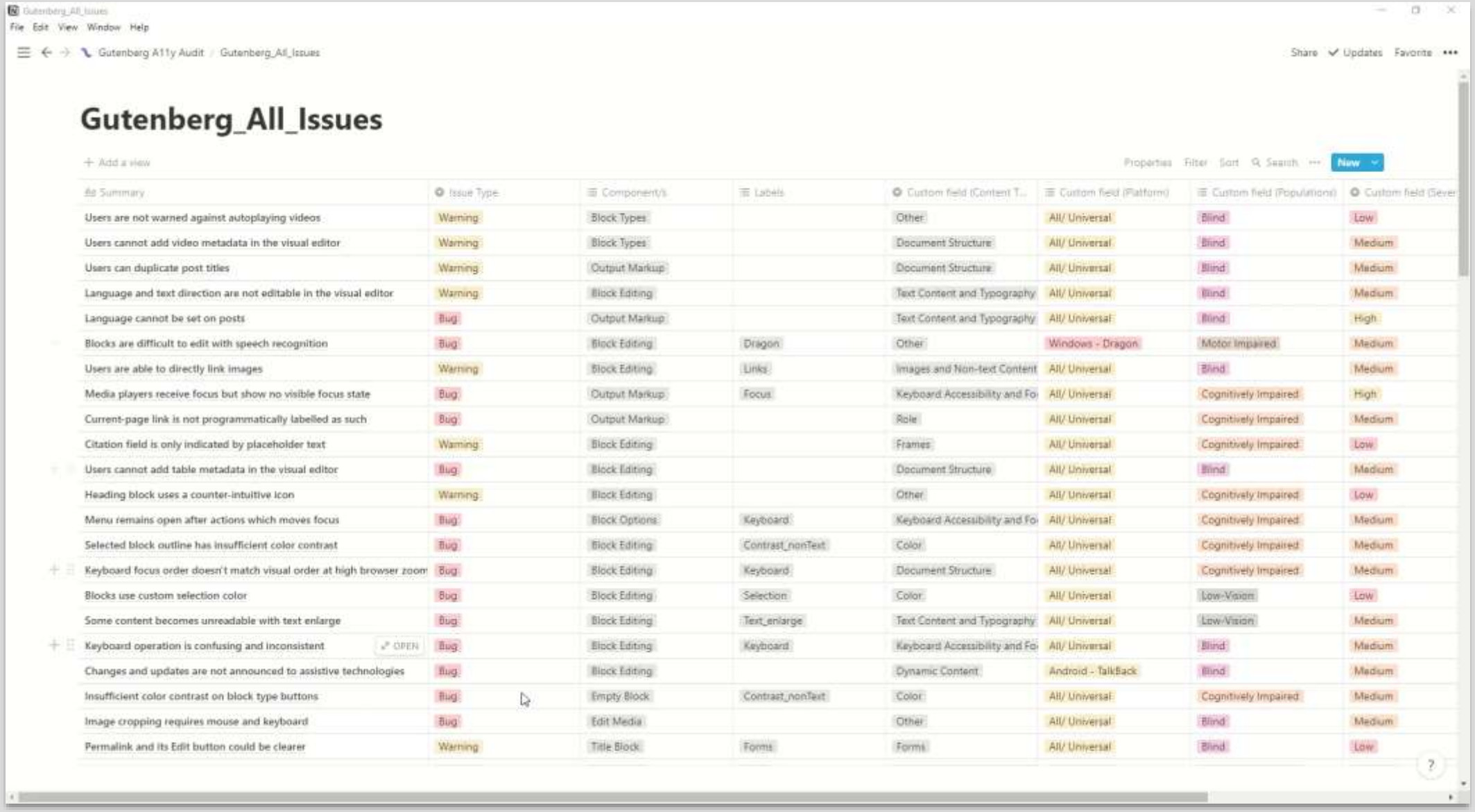
Step 3.
Convert columns to selects and multi-selects


Gutenberg_All_Issues
File Edit View Window Help
Gutenberg A11y Audit / Gutenberg_All_Issues
Share Updates Favorite
Gutenberg_All_Issues
+ Add a view
Properties Filter Sort Search New
Aa Summary | Issue Type | Component/s | Component/s | Component/s | Component/s | Component/s | Component/s
Users are not warned against autoplaying videos | Warning | Block Types | Output Markup
Users cannot add video metadata in the visual editor | Warning | Block Types | Output Markup
Users can duplicate post titles | Warning | Output Markup
Language and text direction are not editable in the visual editor | Warning | Block Editing | Title Block
Language cannot be set on posts | Bug | Output Markup
Blocks are difficult to edit with speech recognition | Bug | Block Editing | Title Block
Users are able to directly link images | Warning | Block Editing
Media players receive focus but show no visible focus state | Bug | Output Markup
Current-page link is not programmatically labelled as such | Bug | Output Markup
Citation field is only indicated by placeholder text | Warning | Block Editing
Users cannot add table metadata in the visual editor | Bug | Block Editing | Output Markup
Heading block uses a counter-intuitive icon | Warning | Block Editing
Menu remains open after actions which moves focus | Bug | Block Options
Selected block outline has insufficient color contrast | Bug | Block Editing
Keyboard focus order doesn't match visual order at high browser zoom | Bug | Block Editing | Block Options
Blocks use custom selection color | Bug | Block Editing | Block Options
Some content becomes unreadable with text enlarge | Bug | Block Editing
Keyboard operation is confusing and inconsistent | Bug | Block Editing
Changes and updates are not announced to assistive technologies | Bug | Block Editing | Block Options
Insufficient color contrast on block type buttons | Bug | Empty Block
Image cropping requires mouse and keyboard | Bug | Edit Media
Permalink and its Edit button could be clearer | Warning | Title Block

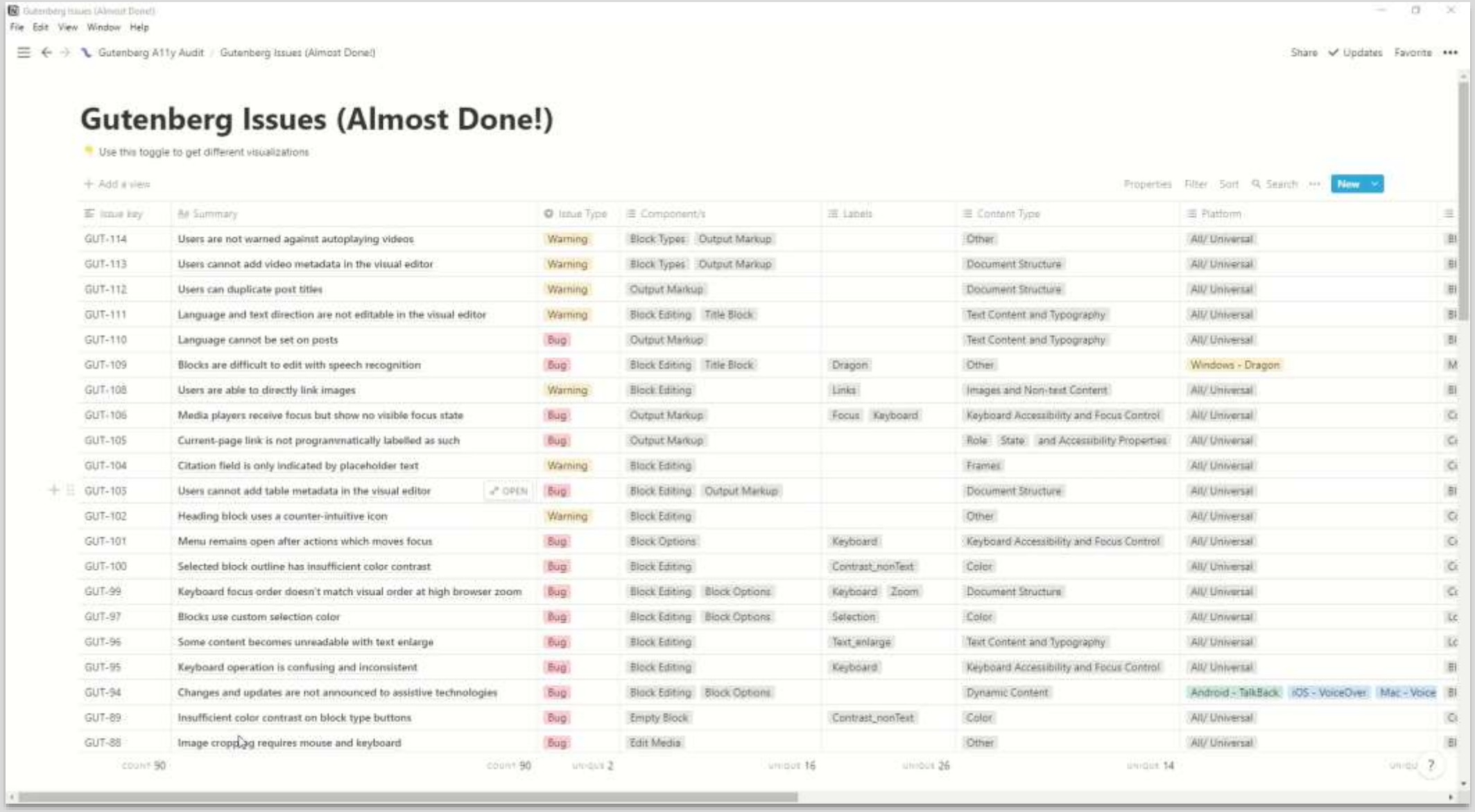
Step 4.
Color code 💅


Gutenberg_All_Issues
File Edit View Window Help
Gutenberg A11y Audit / Gutenberg_All_Issues
Share Updates Favorite
Add icon Add cover Add description
Gutenberg_All_Issues
Add a view
Properties Filter Sort Search New
Aa Summary
Issue Type
Component/s
Labels
Custom field (Content T...
Custom field (Platform)
Custom field (Populations)
Custom field (Sever
Users are not warned against autoplaying videos Warning Block Types Other All/ Universal Blind Low
Users cannot add video metadata in the visual editor Warning Block Types Document Structure All/ Universal Blind Medium
Users can duplicate post titles Warning Output Markup Document Structure All/ Universal Blind Medium
Language and text direction are not editable in the visual editor Warning Block Editing Text Content and Typography All/ Universal Blind Medium
Language cannot be set on posts Bug Output Markup Text Content and Typography All/ Universal Blind High
Blocks are difficult to edit with speech recognition Bug Block Editing Dragon Other Windows - Dragon Motor Impaired Medium
Users are able to directly link images Warning Block Editing Links Images and Non-text Content All/ Universal Blind Medium
Media players receive focus but show no visible focus state Bug Output Markup Focus Keyboard Accessibility and Fo All/ Universal Cognitively Impaired High
Current-page link is not programmatically labelled as such Bug Output Markup Role All/ Universal Cognitively Impaired Medium
Citation field is only indicated by placeholder text Warning Block Editing Frames All/ Universal Cognitively Impaired Low
Users cannot add table metadata in the visual editor Bug Block Editing Document Structure All/ Universal Blind Medium
Heading block uses a counter-intuitive icon Warning Block Editing Other All/ Universal Cognitively Impaired Low
Menu remains open after actions which moves focus Bug Block Options Keyboard Keyboard Accessibility and Fo All/ Universal Cognitively Impaired Medium
Selected block outline has insufficient color contrast Bug Block Editing Contrast_nonText Color All/ Universal Cognitively Impaired Medium
Keyboard focus order doesn't match visual order at high browser zoom Bug Block Editing Keyboard Document Structure All/ Universal Cognitively Impaired Medium
Blocks use custom selection color Bug Block Editing Selection Color All/ Universal Low-Vision Low
Some content becomes unreadable with text enlarge Bug Block Editing Text_enlarge Text Content and Typography All/ Universal Low-Vision Medium
Keyboard operation is confusing and inconsistent Bug Block Editing Keyboard Keyboard Accessibility and Fo All/ Universal Blind Medium
Changes and updates are not announced to assistive technologies Bug Block Editing Dynamic Content Android - TalkBack Blind Medium
Insufficient color contrast on block type buttons Bug Empty Block Contrast_nonText Color All/ Universal Cognitively Impaired Medium
Image cropping requires mouse and keyboard Bug Edit Media Other All/ Universal Blind Medium
Permalink and its Edit button could be clearer Warning Title Block Forms Forms All/ Universal Blind Low

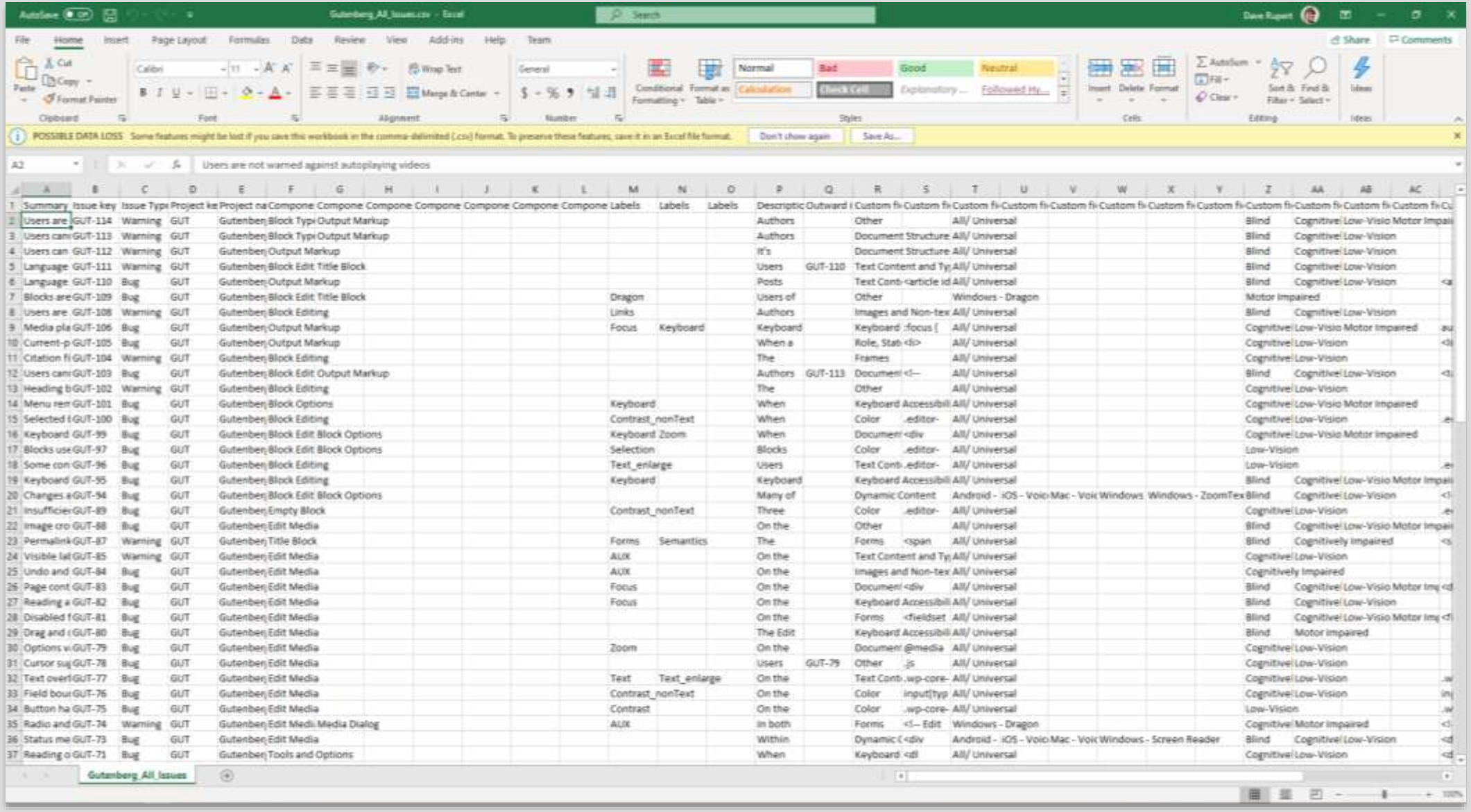
Step 5.
Add Counts

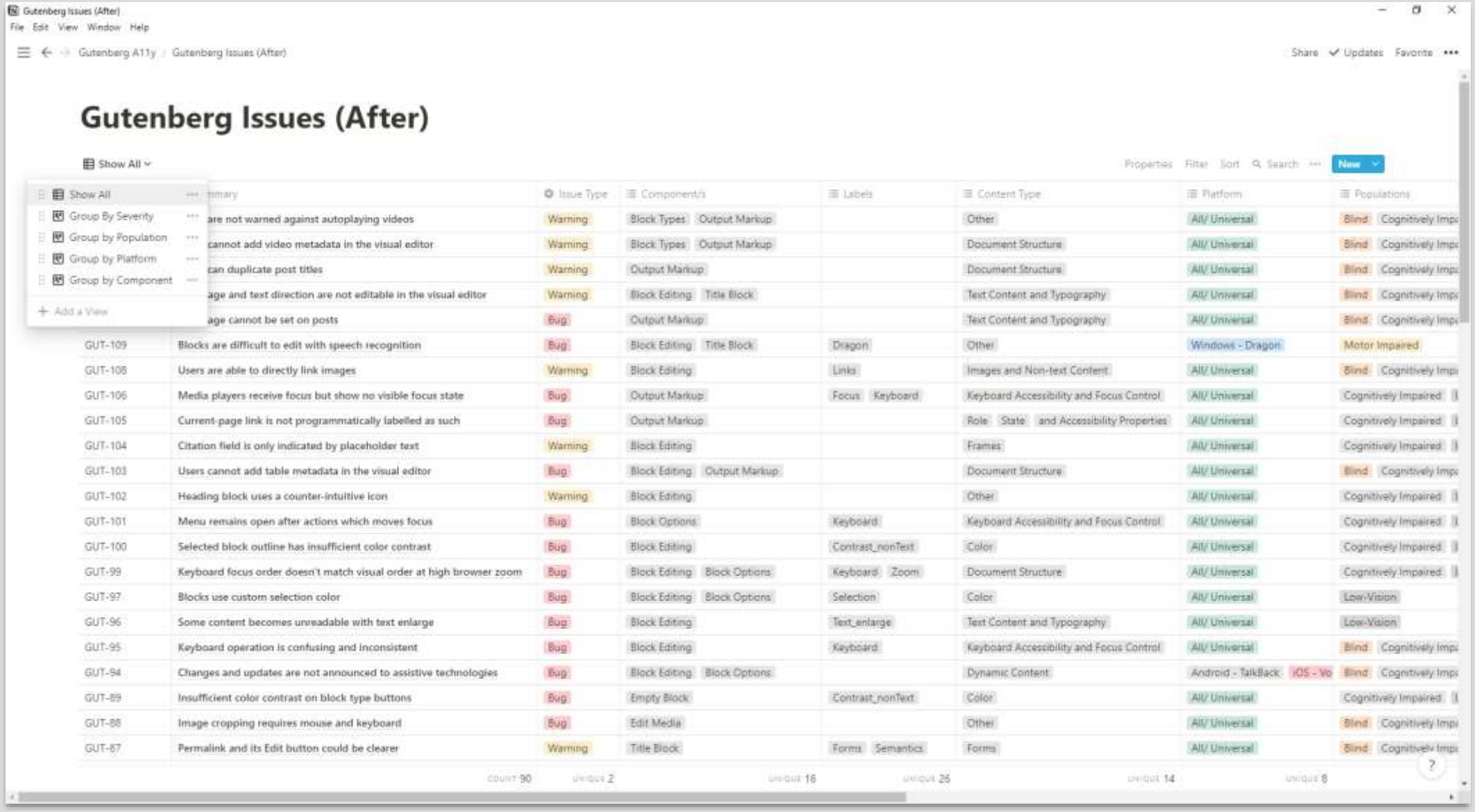

Gutenberg_All_Issues
File Edit View Window Help
Gutenberg A11y Audit / Gutenberg_All_Issues
Share Updates Favorite
Gutenberg_All_Issues
Add a view
Properties Filter Sort Search New
Summary | Issue Type | Component/s | Labels | Custom field (Content T... | Custom field (Platform) | Custom field (Populations) | Custom field (Sever
Users are not warned against autoplaying videos | Warning | Block Types | | Other | All/ Universal | Blind | Low
Users cannot add video metadata in the visual editor | Warning | Block Types | | Document Structure | All/ Universal | Blind | Medium
Users can duplicate post titles | Warning | Output Markup | | Document Structure | All/ Universal | Blind | Medium
Language and text direction are not editable in the visual editor | Warning | Block Editing | | Text Content and Typography | All/ Universal | Blind | Medium
Language cannot be set on posts | Bug | Output Markup | | Text Content and Typography | All/ Universal | Blind | High
Blocks are difficult to edit with speech recognition | Bug | Block Editing | Dragon | Other | Windows - Dragon | Motor Impaired | Medium
Users are able to directly link images | Warning | Block Editing | Links | Images and Non-text Content | All/ Universal | Blind | Medium
Media players receive focus but show no visible focus state | Bug | Output Markup | Focus | Keyboard Accessibility and Fo | All/ Universal | Cognitively Impaired | High
Current-page link is not programmatically labelled as such | Bug | Output Markup | | Role | All/ Universal | Cognitively Impaired | Medium
Citation field is only indicated by placeholder text | Warning | Block Editing | | Frames | All/ Universal | Cognitively Impaired | Low
Users cannot add table metadata in the visual editor | Bug | Block Editing | | Document Structure | All/ Universal | Blind | Medium
Heading block uses a counter-intuitive icon | Warning | Block Editing | | Other | All/ Universal | Cognitively Impaired | Low
Menu remains open after actions which moves focus | Bug | Block Options | Keyboard | Keyboard Accessibility and Fo | All/ Universal | Cognitively Impaired | Medium
Selected block outline has insufficient color contrast | Bug | Block Editing | Contrast_nonText | Color | All/ Universal | Cognitively Impaired | Medium
Keyboard focus order doesn't match visual order at high browser zoom | Bug | Block Editing | Keyboard | Document Structure | All/ Universal | Cognitively Impaired | Medium
Blocks use custom selection color | Bug | Block Editing | Selection | Color | All/ Universal | Low-Vision | Low
Some content becomes unreadable with text enlarge | Bug | Block Editing | Text_enlarge | Text Content and Typography | All/ Universal | Low-Vision | Medium
Keyboard operation is confusing and inconsistent OPEN | Bug | Block Editing | Keyboard | Keyboard Accessibility and Fo | All/ Universal | Blind | Medium
Changes and updates are not announced to assistive technologies | Bug | Block Editing | | Dynamic Content | Android - TalkBack | Blind | Medium
Insufficient color contrast on block type buttons | Bug | Empty Block | Contrast_nonText | Color | All/ Universal | Cognitively Impaired | Medium
Image cropping requires mouse and keyboard | Bug | Edit Media | | Other | All/ Universal | Blind | Medium
Permalink and its Edit button could be clearer | Warning | Title Block | Forms | Forms | All/ Universal | Blind | Low

Step 6.
Add dimensions


Gutenberg Issues (Almost Done!)
File Edit View Window Help
Gutenberg A11y Audit / Gutenberg Issues (Almost Done!)
Share Updates Favorite
Gutenberg Issues (Almost Done!)
Use this toggle to get different visualizations
Add a view
Properties Filter Sort Search New
Issue key | Summary | Issue Type | Component/s | Labels | Content Type | Platform
GUT-114 | Users are not warned against autoplaying videos | Warning | Block Types, Output Markup | | Other | All/ Universal
GUT-113 | Users cannot add video metadata in the visual editor | Warning | Block Types, Output Markup | | Document Structure | All/ Universal
GUT-112 | Users can duplicate post titles | Warning | Output Markup | | Document Structure | All/ Universal
GUT-111 | Language and text direction are not editable in the visual editor | Warning | Block Editing, Title Block | | Text Content and Typography | All/ Universal
GUT-110 | Language cannot be set on posts | Bug | Output Markup | | Text Content and Typography | All/ Universal
GUT-109 | Blocks are difficult to edit with speech recognition | Bug | Block Editing, Title Block | Dragon | Other | Windows - Dragon
GUT-108 | Users are able to directly link images | Warning | Block Editing | Links | Images and Non-text Content | All/ Universal
GUT-106 | Media players receive focus but show no visible focus state | Bug | Output Markup | Focus, Keyboard | Keyboard Accessibility and Focus Control | All/ Universal
GUT-105 | Current-page link is not programmatically labelled as such | Bug | Output Markup | | Role, State, and Accessibility Properties | All/ Universal
GUT-104 | Citation field is only indicated by placeholder text | Warning | Block Editing | | Frames | All/ Universal
GUT-103 | Users cannot add table metadata in the visual editor OPEN | Bug | Block Editing, Output Markup | | Document Structure | All/ Universal
GUT-102 | Heading block uses a counter-intuitive icon | Warning | Block Editing | | Other | All/ Universal
GUT-101 | Menu remains open after actions which moves focus | Bug | Block Options | Keyboard | Keyboard Accessibility and Focus Control | All/ Universal
GUT-100 | Selected block outline has insufficient color contrast | Bug | Block Editing | Contrast_nonText | Color | All/ Universal
GUT-99 | Keyboard focus order doesn't match visual order at high browser zoom | Bug | Block Editing, Block Options | Keyboard, Zoom | Document Structure | All/ Universal
GUT-97 | Blocks use custom selection color | Bug | Block Editing, Block Options | Selection | Color | All/ Universal
GUT-96 | Some content becomes unreadable with text enlarge | Bug | Block Editing | Text_enlarge | Text Content and Typography | All/ Universal
GUT-95 | Keyboard operation is confusing and inconsistent | Bug | Block Editing | Keyboard | Keyboard Accessibility and Focus Control | All/ Universal
GUT-94 | Changes and updates are not announced to assistive technologies | Bug | Block Editing, Block Options | | Dynamic Content | Android - TalkBack, iOS - VoiceOver, Mac - Voice
GUT-89 | Insufficient color contrast on block type buttons | Bug | Empty Block | Contrast_nonText | Color | All/ Universal
GUT-88 | Image cropping requires mouse and keyboard | Bug | Edit Media | | Other | All/ Universal
COUNT 90
COUNT 90 UNIQUE 2 UNIQUE 16 UNIQUE 26 UNIQUE 14

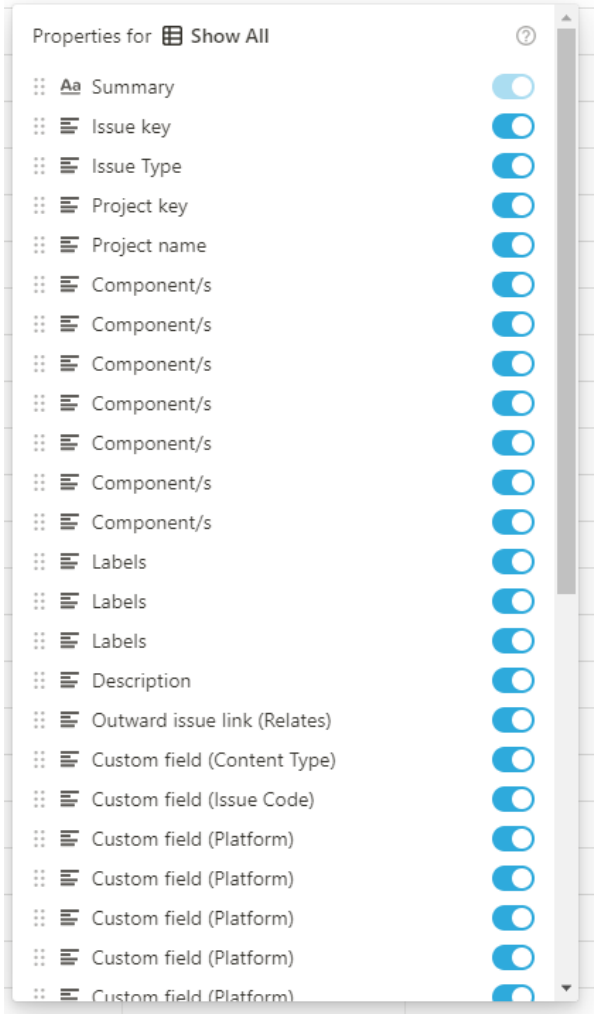
Wrapping up our multi-dimensional accessibility audit



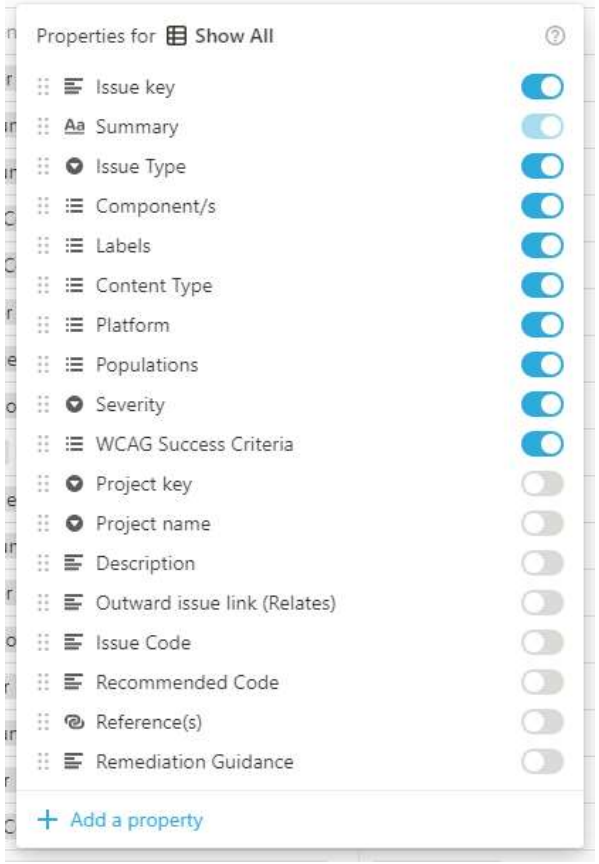

Gutenberg Issues (After)
File Edit View Window Help
Gutenberg A11y / Gutenberg Issues (After)
Share Updates Favorite
Gutenberg Issues (After)
Show All
Properties Filter Sort Search New
Show All
Group By Severity
Group by Population
Group by Platform
Group by Component
Add a View
Issue Type Component/s Labels Content Type Platform Populations
GUT-109 Blocks are difficult to edit with speech recognition Bug Block Editing Title Block Dragon Other Windows - Dragon Motor Impaired
GUT-108 Users are able to directly link images Warning Block Editing Links Images and Non-text Content All/ Universal
GUT-106 Media players receive focus but show no visible focus state Bug Output Markup Focus Keyboard Keyboard Accessibility and Focus Control All/ Universal
GUT-105 Current-page link is not programmatically labelled as such Bug Output Markup Role State and Accessibility Properties All/ Universal
GUT-104 Citation field is only indicated by placeholder text Warning Block Editing Frames All/ Universal
GUT-103 Users cannot add table metadata in the visual editor Bug Block Editing Output Markup Document Structure All/ Universal
GUT-102 Heading block uses a counter-intuitive icon Warning Block Editing Other All/ Universal
GUT-101 Menu remains open after actions which moves focus Bug Block Options Keyboard Keyboard Accessibility and Focus Control All/ Universal
GUT-100 Selected block outline has insufficient color contrast Bug Block Editing Contrast_nonText Color All/ Universal
GUT-99 Keyboard focus order doesn't match visual order at high browser zoom Bug Block Editing Block Options Keyboard Zoom Document Structure All/ Universal
GUT-97 Blocks use custom selection color Bug Block Editing Block Options Selection Color All/ Universal Low-Vision
GUT-96 Some content becomes unreadable with text enlarge Bug Block Editing Text_enlarge Text Content and Typography All/ Universal Low-Vision
GUT-95 Keyboard operation is confusing and inconsistent Bug Block Editing Keyboard Keyboard Accessibility and Focus Control All/ Universal
GUT-94 Changes and updates are not announced to assistive technologies Bug Block Editing Block Options Dynamic Content Android - TalkBack
GUT-89 Insufficient color contrast on block type buttons Bug Empty Block Contrast_nonText Color All/ Universal
GUT-88 Image cropping requires mouse and keyboard Bug Edit Media Other All/ Universal
GUT-87 Permalink and its Edit button could be clearer Warning Title Block Forms Semantics Forms All/ Universal
COUNT 90 UNIQUE 2 UNIQUE 16 UNIQUE 25 UNIQUE 14 UNIQUE 8

38cols → 10cols

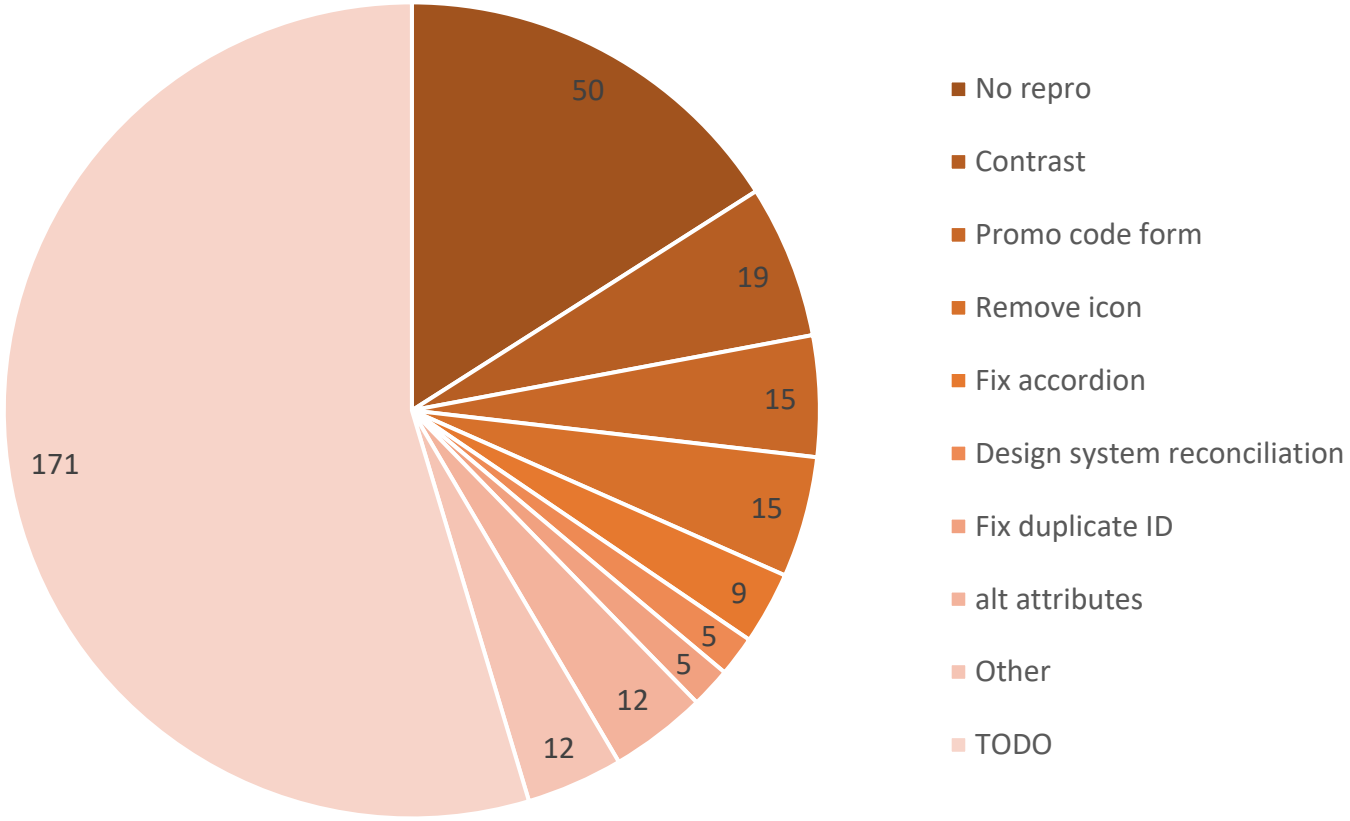
Before



After

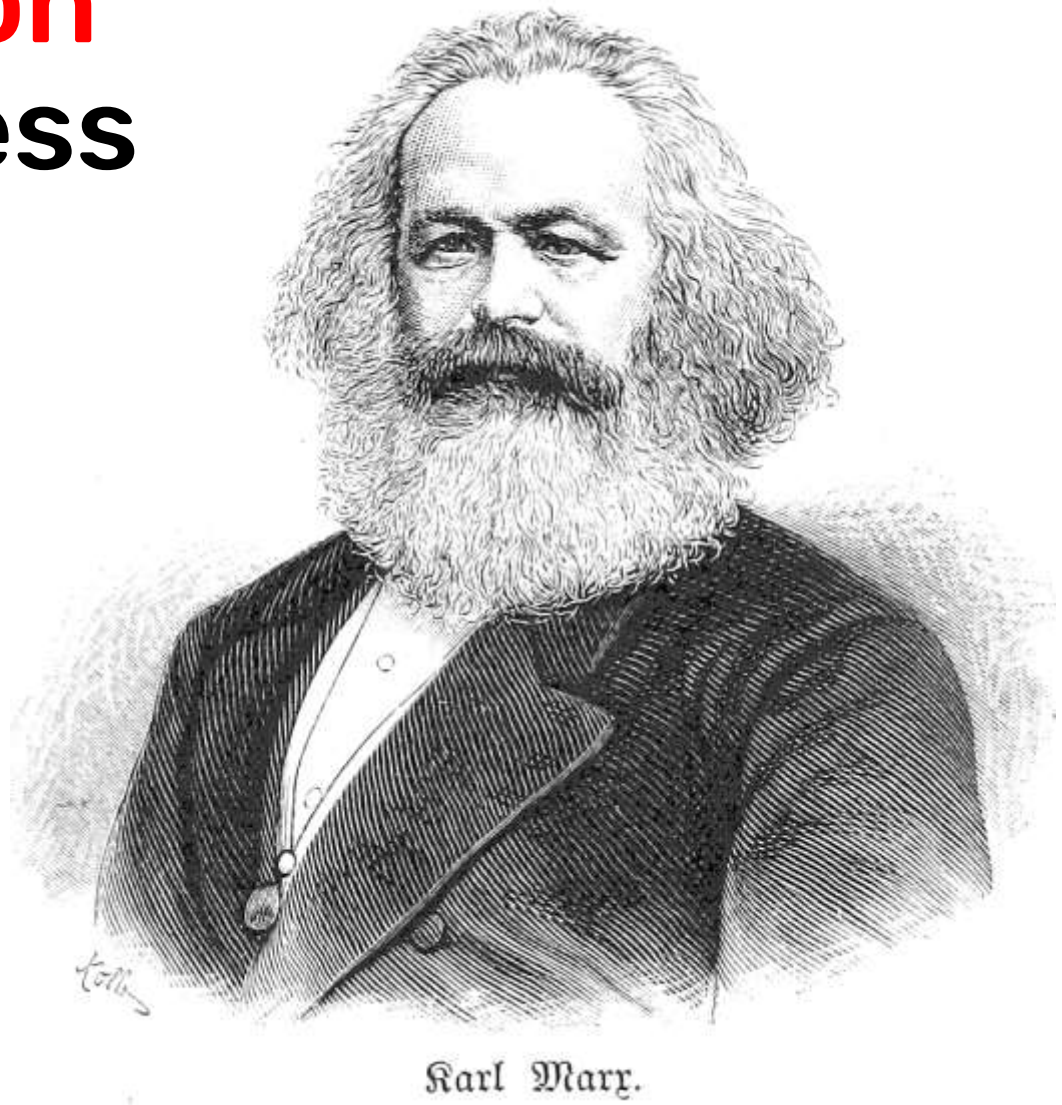


How’d it work out for us?



142 of 313 issues closed (46%)
in ~2.5 months with part-time capacity

Some thoughts on improving workplace satisfaction via the backlog process



“Individuals and interactions over process and tools”

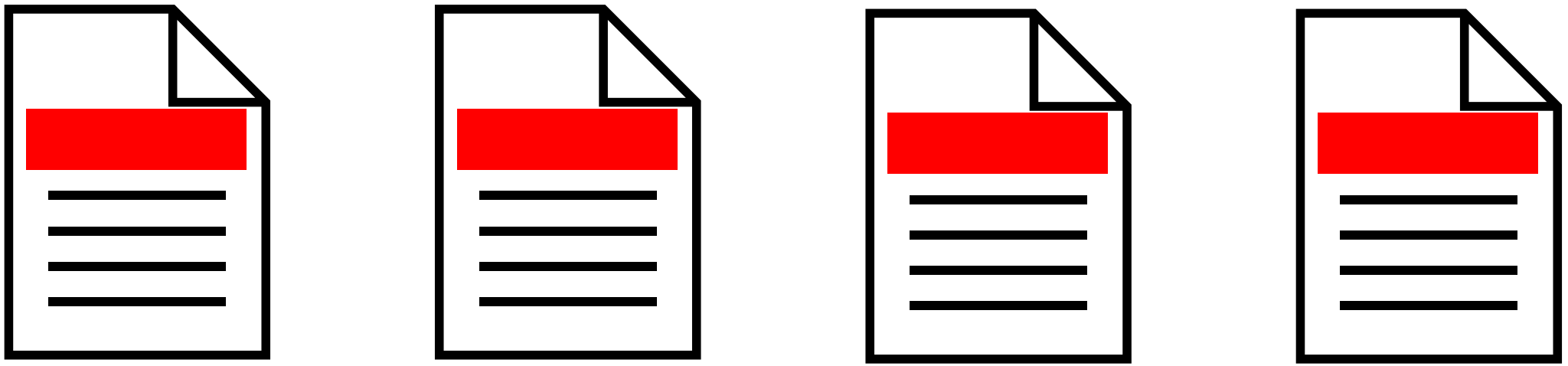
— The Agile Manifesto

#NOBACKLOGS?

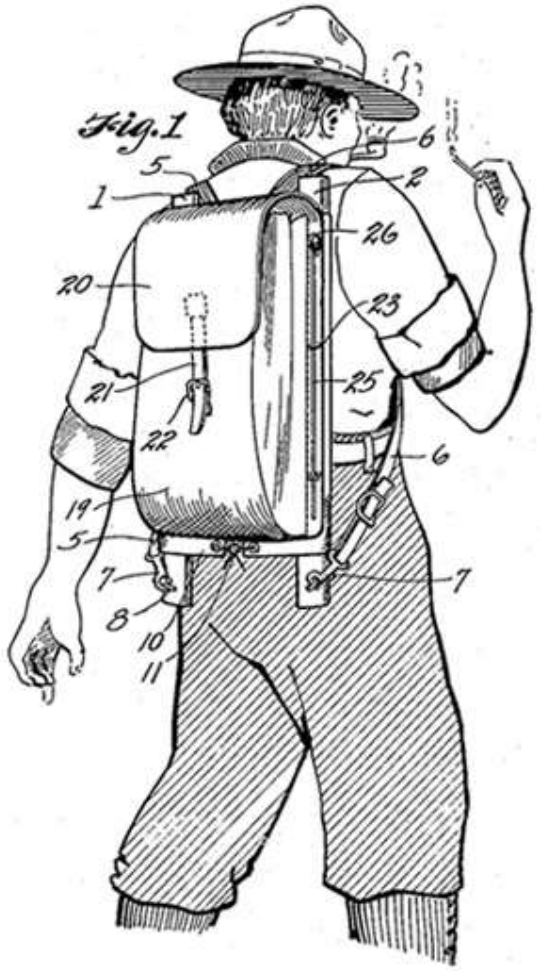
#NOLOGJAMS

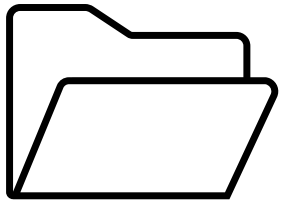
Tip #1:
Avoid extensive audits, start with a few core templates first.

HARRY R. CUNNINGHAM,
State Auditor, Helena.

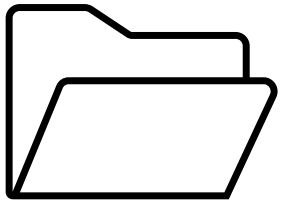


Tip #2:
Deliver issues in small packs of related issues.

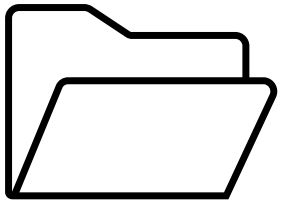




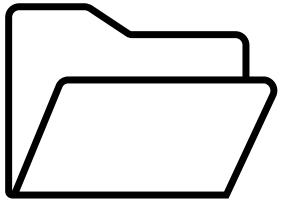
Modals



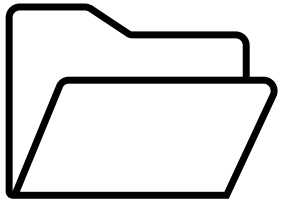
Header



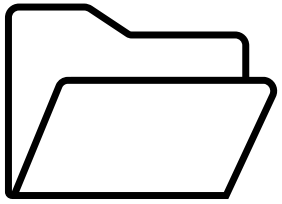
Fix `alt` attributes



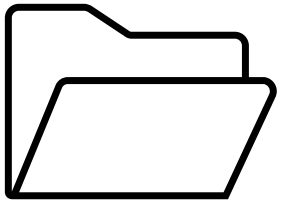
Fix contrast
(static site)



Fix focus states



Fix contrast
(production database)



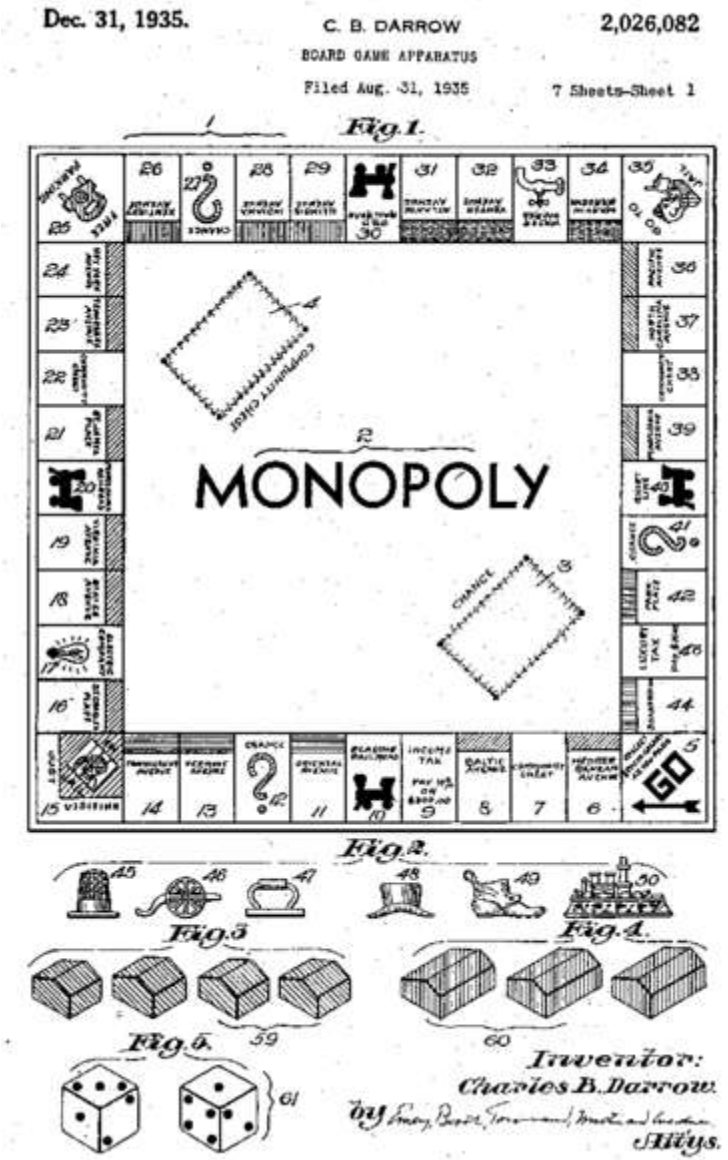
Resize Text

3
3
3

4
4
4

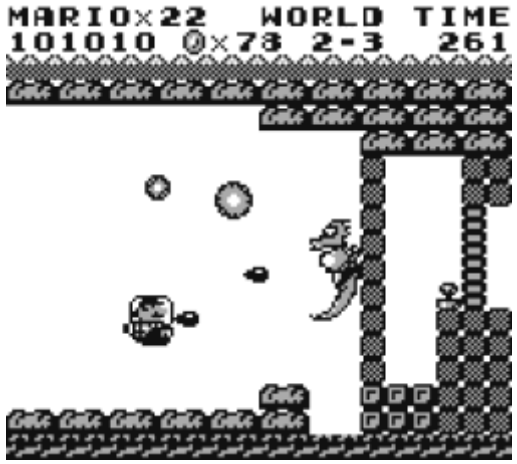
5
5
5

Tip #3:
Gamify the experience, progressively increase the difficulty



WORLD 1-1

Fix `alt` attributes



WORLD 2-3

Fix contrast

WORLD 4-1

Fix focus states

Tip #4:
Give a s#!% about accessibility
before legal shows up.

#NOLOGJAMS

A quick thanks to…

Danh Hoang
@danhhoang

Christopher Schmitt
@teleject

THANKS
Dave Rupert
@davatron5000