



University of
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GAP Webpage Content and Design

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The Webpage

`https://www.gap-system.org`

Comparison to others

Some comparisons

- Less is more
Euler Math Toolbox, SpeQ Math, NumPym, Math Editor, Maxima
- A lot of info but hidden in plain sight
SciPy, SageMath
- Similar to GAP
Cadabra, Gretl

Inspiration was taken from

<https://thegeekpage.com/best-free-math-softwares/>

Content

There is much! This is both a blessing and a curse.

<https://www.gap-system.org/sitemap.html>

- Focus on the important things
- Hide the "boring" technical details
- Historical releases need to be accordingly marked and archived, especially with the change in release processes etc.

Landing Page

<https://www.gap-system.org>

- Less is more
- Use the logo
- Streamline the text
- Direct access to github is good, direct access to Math StackExchange?
- Direct links to other external GAP links? Social media?

Download Page

`https://www.gap-system.org/Releases/index.html`

- The list of packages needs to be moved
- Turn the install instructions into a proper step by step guide. But then why do we have an install page? Move that there.
- What is the difference between the 3 archives? Is there one? Why are there 3?
- Why is there a hash value?
- Alternative download is in installation, this seems counter-intuitive
- The list of archives in the menu is huge, is it really needed to be this visible?

Installation Page

<https://www.gap-system.org/Download/index.html>

- There is a lot of interesting yet overwhelming technical details
- Install instructions are the 4th section title
- Tools needed is too hidden, that is most likely one of the things most needed for a novice
- Copyright should be on the front page, or in a different place
- Release history needs to be more clearly indicated as an archive

Overview

<https://www.gap-system.org/Overview/overview.html>

- The list reads in parts like the webpage layout, the interesting parts are hidden in Capabilities
- A little history section here would be nice
- Interface, mention all editors, integrations etc here, XGAP which is mentioned in other capabilities, is not mentioned here (issue #115)
- Technical details should go into many many subsections here

Data Libraries

`https://www.gap-system.org/Datalib/datalib.html`

- Fairly clear page
- Make instructions more obvious

Packages

<https://www.gap-system.org/Packages/packages.html>

- A lot of history and background
- Sectioning needed (see github issue #39)
- The For Authors page needs to be a lot more visible (see github issue #104)
- A lot of info is lost on this page due to the many places the pkgs are listed

Documentation

<https://www.gap-system.org/Doc/doc.html>

- Tutorials are lost in this page, they and Examples need to go higher
- History is in here? Same applies to Talks, Bibliography, and References
- Manuals for packages here? Shouldn't we try to distance the GAP webpage from the packages
- Search should lead to a search text box, not more info

Contacts

<https://www.gap-system.org/Contacts/contacts.html>

- Needs updating, desperately
- Highly informative, possibly a little verbose
- People page is a little empty on people, move the texts into the relevant lists
- Another citing GAP page?
- Another submitting to GAP page?

FAQ

<https://www.gap-system.org/Faq/faq.html>

- Needs to be split up into smaller, digestible pages.
- In desperate need of updates

GAP3

`https://www.gap-system.org/Gap3/gap3.html`

- I know it is our legacy, but why is it so visible?

Content Related GitHub issues

#16

#18

#23

#39

#69

#70

#71

#82

#84

#98

#102

#104

#111

#115

#122

#140

#147

#149


Design


- Use the GAP logo
- Less is more
- Don't shy away from images, symbols
- Smaller pages, but more
- Fewer menus
- Responsive design?
- Move away from paragraphs of text to "scannable" content



Thank you!

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