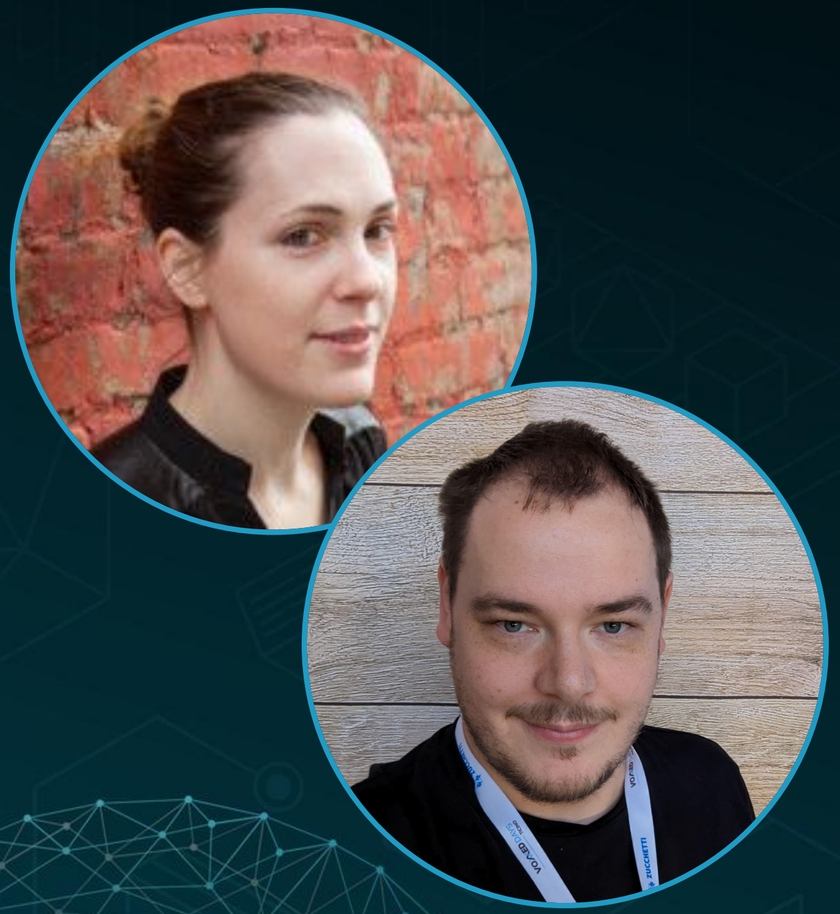
October 2024

Contributing to Gradle Docs

Gradle BUILD TOOL

HACKTOBER FEST



Contributing to Gradle Docs

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Gradle DevRel & Education Team

Oct 22, 05:00 UTC / 10:30 IST / 13:00 CST

Outline

- Introduction
- Contributing to Gradle User Manual
- Contributing to the Cookbook and other new resources
- Q&A

Gradle in Hacktoberfest

- 🎓 Beginner: Learn Gradle - Gradle Basics, Java, Kotlin, Android
- ✅ Easy: Adopt Gradle Best Practices in your projects with GitHub Actions - GHA, Scripting, Docs
- 📖 Easy/Medium: Expand the Gradle Cookbook - Documentation, Markdown, tech of your choice
- 🌐 Easy/Medium: Improve the Gradle Community Site (this one!) - MkDocs, Web Design, Docs
- 🐘 Medium: Contribute to GradleUp Plugins - Java, Kotlin, Android, Docs
- 😎 Medium: Stabilize support for ViteJS - Kotlin, JavaScript ecosystem, Gradle
- 🛠️ Medium/Advanced: Configuration Cache Compatibility in Plugins - Java, Kotlin, Gradle

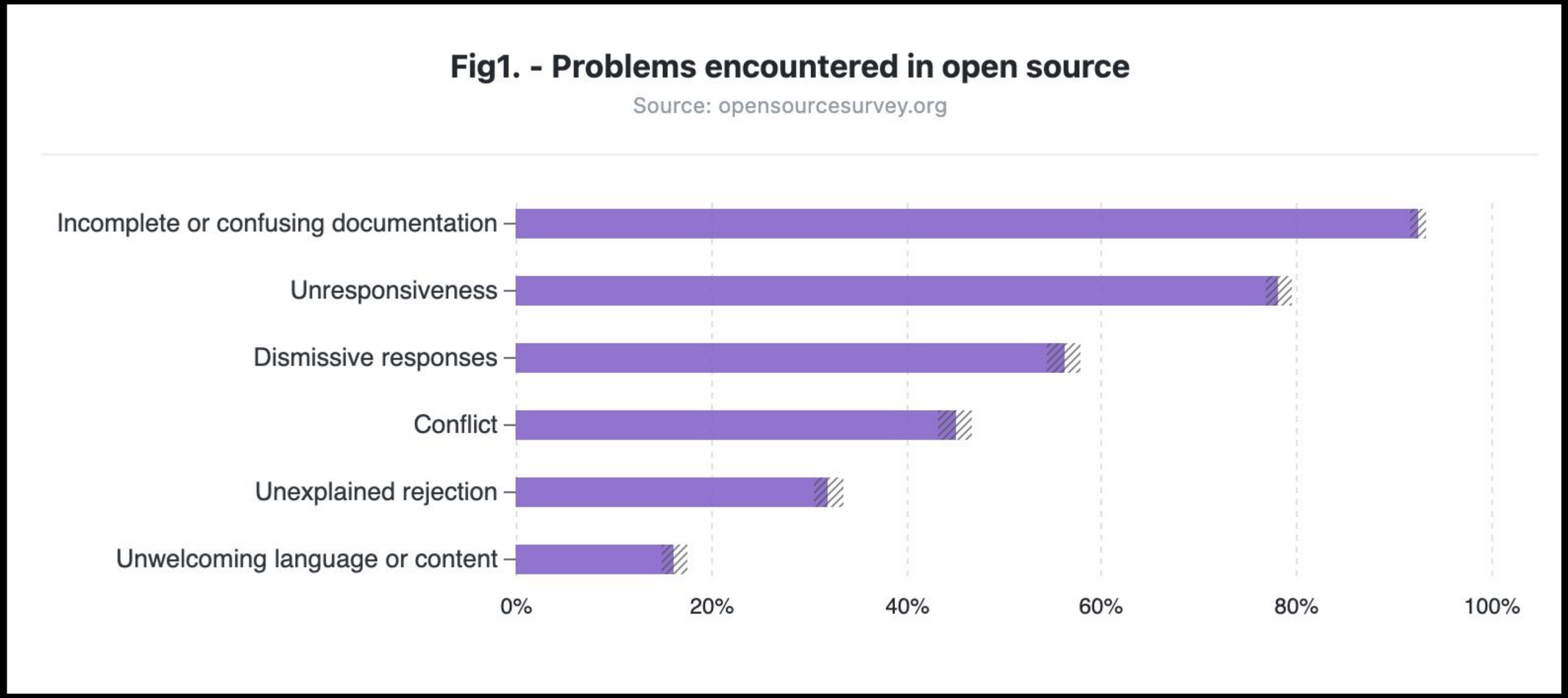
community.gradle.org/events/hacktoberfest/2024

HACKTOBER FEST

Why Documentation?

- Gradle has a learning curve
- Documentation is a key part of Gradle user experience
- Different documentation sets for different roles and expertise levels
- Contributions hotspot in Gradle
- High impact

Documentation for Contributors, too



https://opensourcesurvey.org/2017/

High impact

Over 1M visitors per month:

	Page location	↓ Views
	Totals	**1,163,191**
1	https://docs.gradle.org/current/userguide/declaring_repositories.html	61,814
2	https://docs.gradle.org/8.7/userguide/command_line_interface.html	38,674
3	https://docs.gradle.org/current/userguide/compatibility.html	38,344
4	https://docs.gradle.org/current/userguide/installation.html	23,417
5	https://docs.gradle.org/current/userguide/gradle_wrapper.html	22,068
6	https://docs.gradle.org/current/userguide/userguide.html	21,299
7	https://docs.gradle.org/current/userguide/build_environment.html	19,801
8	https://docs.gradle.org/current/userguide/plugins.html	19,370
9	https://docs.gradle.org/8.5/userguide/command_line_interface.html	15,027
10	https://docs.gradle.org/current/userguide/command_line_interface.html	13,438

Contributing to Documentation?

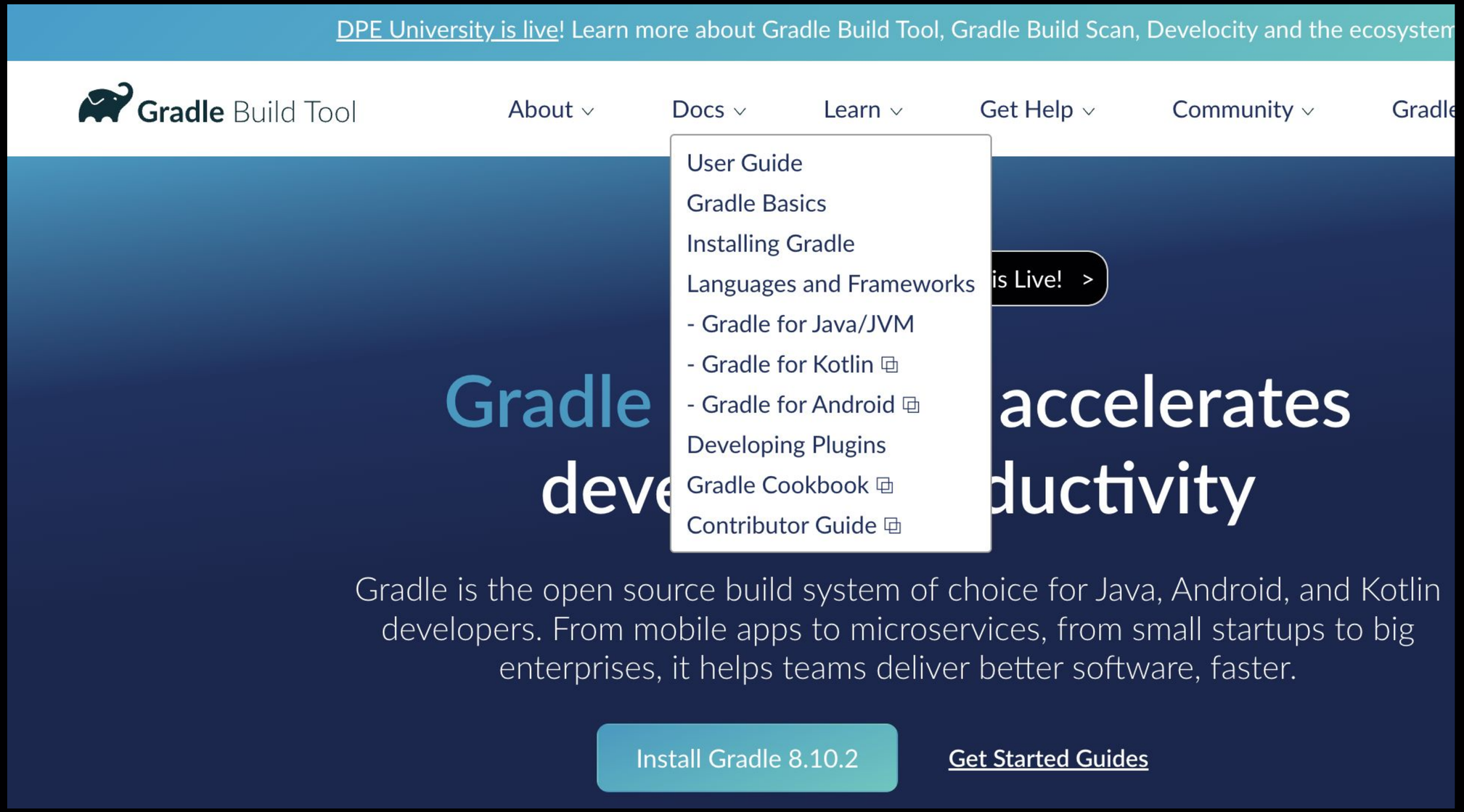
- Documentation is a great way to start contributing
- Suitable for any time you have
- Suitable for any level of experiences
- Newcomers…
  - Study & Learn
  - Bring New Perspectives
  - See mistakes where others couldn’t

Contributing to Gradle Docs

One entry point to find them all:

community.gradle.org/contributing/documentation/

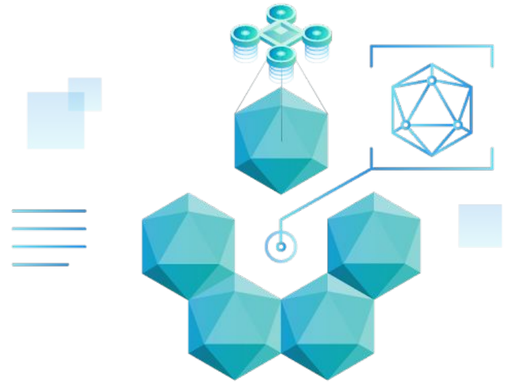
Key Locations



Key Locations

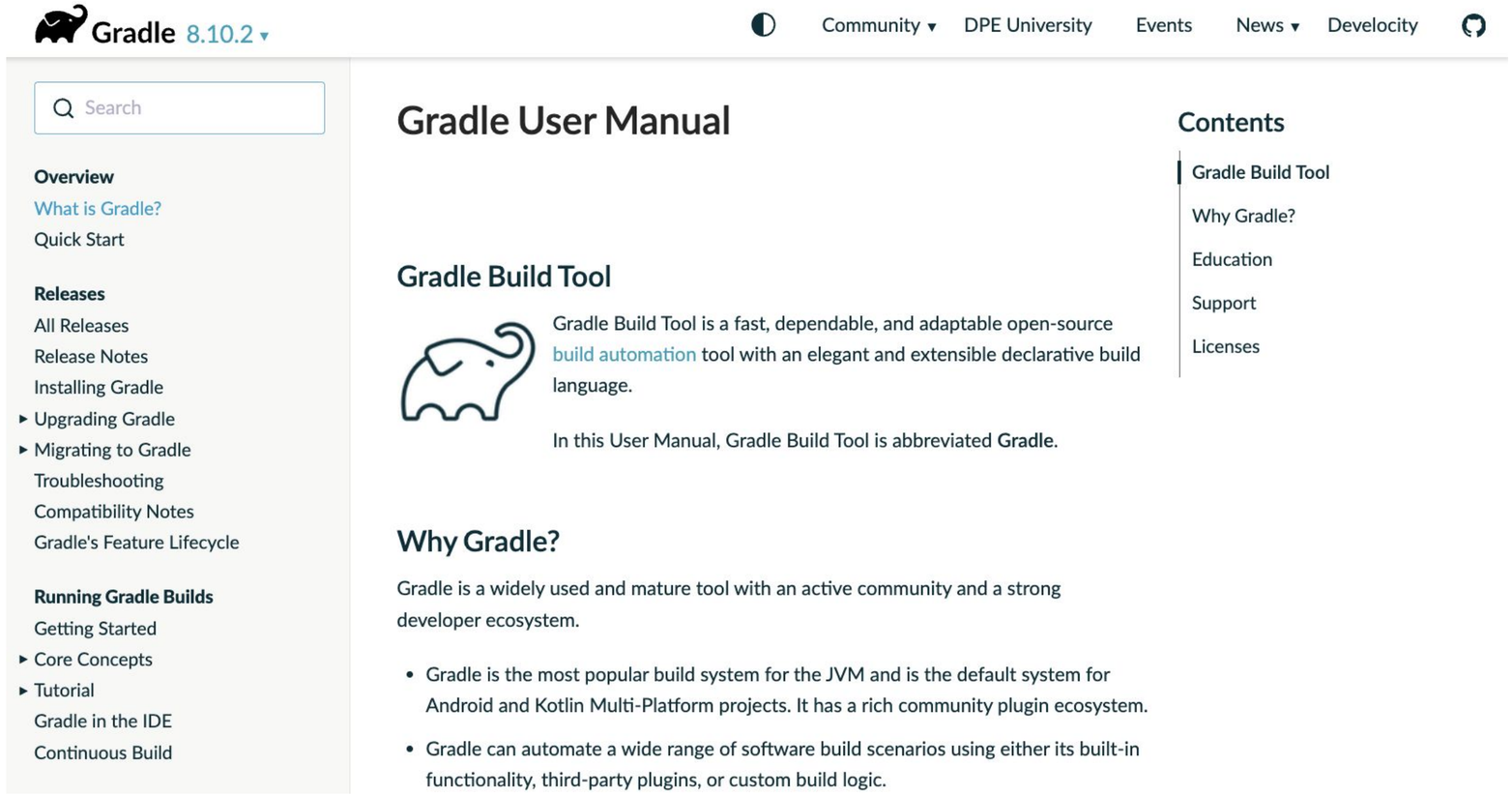
- docs.gradle.org
- Plugin documentation (Plugin Portal & self-hosted)
- Release Notes, Javadocs, etc.
- **NEW**: Gradle Cookbook
- **NEW**: Gradle Community Site

Gradle



The Gradle User Manual

https://docs.gradle.org



The Gradle User Manual

- https://docs.gradle.org/
- https://github.com/gradle/gradle
  - platforms/documentation/docs/src
    - snippets + samples
    - docs/userguide
- Check out the README
- DEMO TIME!

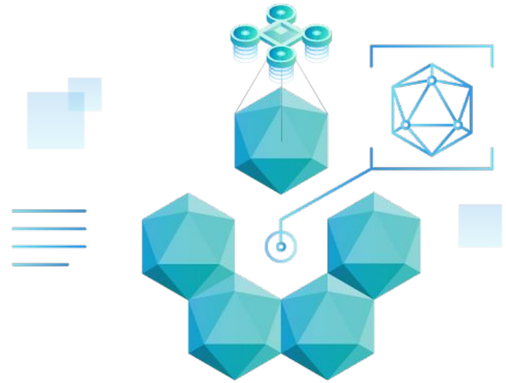
How to contribute?

- Pull request https://github.com/gradle/gradle/pulls
- DEMO TIME!

Ideas for contributions:

1. Help me rewrite **Optimizing Build Performance**
2. Update code snippets in **Running Gradle Builds** and **Authoring Gradle Builds** to use best practices
3. Create the Gradle **Glossary**
4. Fix typos or grammatical errors

Gradle



The Gradle Cookbook

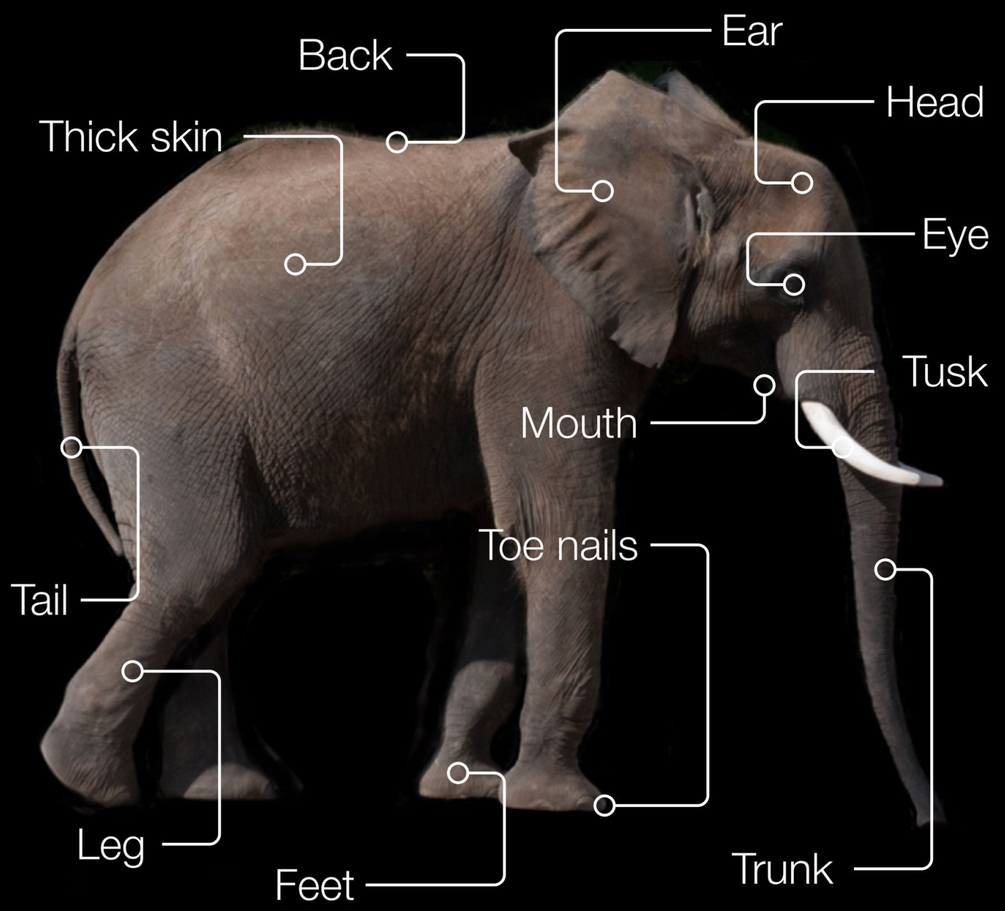
cookbook.gradle.org

New Gradle sites (with Docs)

- community.gradle.org
- cookbook.gradle.org
- declarative.gradle.org

New Documentation Engine

- Static Site
- Documentation as Code
- Easy to Contribute
- Markdown + MkDocs + Material for MkDocs
- Multi-repository sites



Source: English Grammar Club
https://at.pinterest.com/pin/516365913526453291/

… and the Contributor Experience

- Dev Containers
- GitHub Pages
- GitHub Actions
- Coming Soon: Previews
- Coming Soon: Static Analysis & Checks

Demo Time!

Let’s Edit the Cookbook Together!

github.com/gradle/community/blob/main/docs/CONTRIBUTING.md

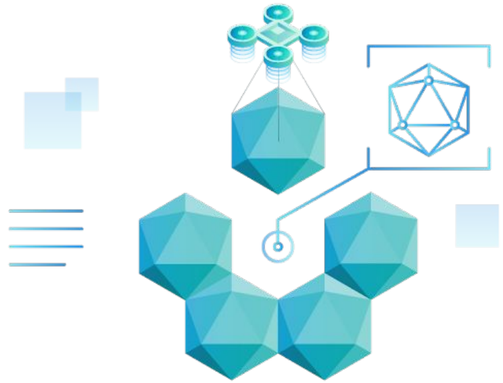
Gradle Cookbook. Help Needed

- Content ideas
- New Chapters and Recipes
  - Android
  - Kotlin
  - Troubleshooting
  - Plugin Development
  - Gradle for Native Projects and other languages
  - ...
  - Your use-cases!
- Styling, Look & Feel
- Components and Controls

github.com/gradle/cookbook/issues

github.com/gradle/community/issues?q=is%3Aissue%20label%3Awebsite

Gradle



The End?

It is [always] great time to contribute

References

- Contributing to Docs: community.gradle.org/contributing/documentation
- Gradle in Hacktoberfest: community.gradle.org/events/hacktoberfest/2024

Thanks to all Docs contributors!

Questions?

Join the **#docs** on our community Slack!

gradle.org/slack-invite