# The ACL Anthology Current State and Future Directions



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## What is this presentation about?



- Summarize the history and current state of efforts related to the Anthology
- Illustrate the challenges of maintaining a community Project
- Invite the community to extend the capabilities of the Anthology
- Call you to join the Anthology team

### The Anthology in summary

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Authors:	Markus Freitag   Matthias Huck   Hermann Ney	
Month:	April	
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- Open access service for all ACL-Sponsored publications
- Also hosts posters and additional data
- Paper search and author pages
- 45K papers and 4.5K daily hits
- Open Source
- Maintained by volunteers
- New papers added in collaboration with proceedings editors

## A brief **History** of the Anthology

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Steven Bird



- Proposed in 2001 by Steven Bird
- First version online in 2002, with Steven Bird as editor
- Min-Yen Kan becomes the new editor in 2008
- A new version of the Anthology with extra functionality is released in 2012
- Hosting of the Anthology moves from the National University of Singapore to Saarland University

## How to Future-proof the Anthology

### Challenges

- Limited resources for day-to-day code maintenance
- Dependencies become outdated
- Maintainer churn

#### **Solutions**

- Docker container for easier set-up and sandboxing
- Collaborative documentation efforts to ease onboarding
- Migration plan on the pipeline, including upgrades and test cases

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### **Upcoming** major steps



- Hosting the Anthology within the main ACL website
- Recruit a new Anthology editor
- (possibly) pay for extra support for the Anthology

Summary	History	Future-proofing	Future	

## **Exercise**: Importing of your slides

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- We import slides, datasets, videos from your own
- Currently done by email (try it yourself! yes, now)
- Better workflow: pull request against the Anthology XML (à la csrankings.org)

Summary	History	Future-proofing	Upcoming	Future
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### Possible future directions

- Contains useful information both *for* CL researchers and *about* CL researchers. Useful for identifying suitable reviewers.
- Move focus from day-to-day operations towards development
- Establish a network of mirrors
- Host anonymized pre-prints

#### **The ACL Anthology**

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Future proofing the Anthology

The ACL Anthology is a service offered by the Association for Computational Linguistics (ACL), allowing open access to the proceedings of all ACL-sponsored conferences and journal articles. It offers search of indexed papers, author-specific pages, and services that can be embedded within pages. It is Open Source, and maintained on a volunteer basis.

#### A brief history of the Anthology



- Comments? Questions?
- Ideas for future directions?
- Interested in joining the Anthology team?

### Come and visit our poster

#### Summary

#### History

#### Future-proofing

#### Upcoming

#### Future