What's New in the ACL2 System

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STATUS

ACL2 continues to be actively developed.

- ► ACL2 Version 8.3 released April, 2020
  68 release note items
- ► ACL2 Version 8.4 released August, 2021:
  131 release note items
- ► ACL2 Version 8.5 released July, 2022:
  78 release note items
- ► ACL2 Version 8.6 released October, 2024:
  211 release note items
    - ► 41 of those were made since the preceding ACL2 Workshop in November 2023
- ► ACL2 Version 8.7 is under development.

Probably most ACL2 users get ACL2 and the community books from GitHub.
But we expect to continue with "releases".

TODAY

Today we'll discuss selected release notes for ACL2 changes made after ACL2 Workshop 2023. They were selected based on what some of you will find particularly useful to know.

Among the items not discussed are improvements that just make ACL2 behave as expected.

For details, see :DOC NOTE-8-6 and :DOC NOTE-8-7 in the release notes.

- ▶ For additional details, many of them implementation level, see the comments in the source for those :DOC topics in community book `books/system/doc/acl2-doc.lisp`.

ACKNOWLEDGEMENTS

ANNOTATED RELEASE NOTES

Feel free to ask questions.

We'll discuss annotated copies of a few selected release notes of particular interest. There's a link to them (and these slides) from the workshop program page. We'll describe each but it's probably best not to read what's on the screen in detail. You can always return to it later.