

My Journey in PostgreSQL bug fixing

Bertrand Drouvot

Senior SDE at AWS
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About me

- Working in databases for about 25 years
- Oak table member
- Oracle ACE



About me

- Working in databases for about 25 years
- Oak table member
- ~~Oracle ACE~~
- Fell in love for PostgreSQL
- Working at AWS (RDS PostgreSQL contributor team)
- Twitter: @BertrandDrouvot
- <https://bdrouvot.github.io/>



Agenda

- What is this presentation not about
- What is this presentation about
- A bug is discovered what to do?
- Examples (live demo)

What is this presentation not about

- Provide a complete guide on how to report a bug
- Provide a complete guide on how to fix a bug

What is this presentation about

- Sharing my own experience

A bug is discovered what to do?



A bug is discovered what to do?



A bug is discovered what to do?

- Try to repro?
- Fixed in more recent versions?
- Try to write a patch?
- Report the bug (<https://www.postgresql.org/docs/current/bug-reporting.html>)

Examples

- Sorted by level of difficulty
 - No C coding needed!
 - No need to build a repro but try to provide a patch
 - Nothing in hand except the error
- None of them provided the fix that went in but...
- All have been fixed
- Live demos

Demo



Thank you!

Bertrand Drouvot

bdrouvot@amazon.com

[@BertrandDrouvot](#)

