

Why does passing tokio postgres::Transaction as a reference ask to indicate the anonymous lifetime?

Asked 1 year, 6 months ago Active 1 year, 6 months ago Viewed 247 times



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I'm using tokio_postgres to connect to a database and trying to start a transaction

```
let trans = client.transaction().await.unwrap();
trans.query("select * fromabc", &[]).await.unwrap();
trans.commit().await.unwrap();
```

Everything works as expected. Now I want to put the code between trans.query and trans.commit into a separate function

```
async\ fin\ tx\_work(trans: \&tokio\_postgres::Transaction)\ \{\\ trans.query("select* from abc", \&[]).await.unwrap();
    trans.commit().await.unwrap();
and call it in main:
  let trans = client.transaction().await.unwrap();
  tx_work(&trans).await.unwrap();
The code doesn't compile:
  error[E0726]: implicit elided lifetime not allowed here
      -> src/abc.rs:209:28
  209 | async fn tx_work(trans: &tokio_postgres::Transaction) {
                                                        ^- help: indicate the anonymous lifetime: `<' >
This didn't help:
  async fn tx_work<'a>(trans: &'a tokio_postgres::Transaction)
```

What do I do?



Improve this question

Follow edited Jun 18 '20 at 1:59

asked Jun 18 '20 at 1:37



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It's hard to answer your question because it doesn't include a minimal reproducible example. We can't tell what crates (and their versions), types, traits, fields, etc. are present in the code. It would make it easier for us to help you if you try to reproduce your error on the Rust Playground if possible, otherwise in a brand new Cargo project, then edit your question to include the additional info. $There \ are \ \underline{\textit{Rust-specific MRE tips}} \ you \ can \ use \ to \ reduce \ your \ original \ code \ for \ posting \ here. \ Thanks!$

```
- Shepmaster
Jun 18 '20 at 1:50
```

Please edit your question and paste the exact and entire error that you're getting—that will help us to understand what the problem is so we can help best. Sometimes trying to interpret an error message is tricky and it's actually a different part of the error message that's important. Please use the message from running the compiler directly, not the message produced by an IDE, which might be trying to interpret the error for you.

```
Jun 18 '20 at 1:52
```

I edited the question and included the entire error message

user3839198 Jun 18 '20 at 2:00

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