Flutter Tips and Tricks

Points to cover in Session

- Flutter Live Templates

- Few Tips & Tricks in Flutter

- Looping strategies

- Activity

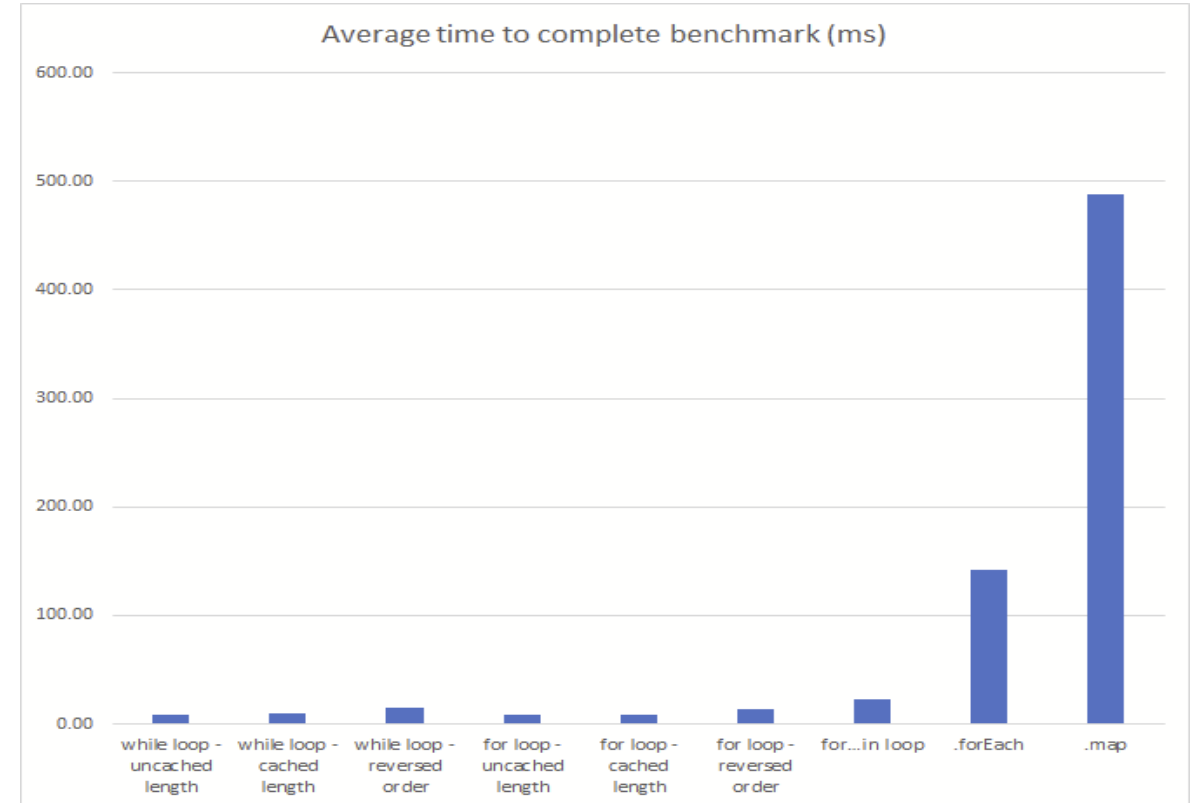SIMFORM

Flutter-Live Templates

- If you don't like writing the same code again and again then use live templates.

- So, what are live templates?
  - Live templates are used to insert common constructs into your code, such as loops, conditions, various declarations, or print statements.
  - Mostly for repeatable code blocks.

- Let's create a live template for the list view builder.

- Need some live templates from everyone.

Few Tips & Tricks in Flutter

- Extensions
  - Debug Strings
  - Expanded Equality

- Use of Assert

- Expanded vs Flexible

- Use of const widget in flutter

- Use of typedef in flutter

- Lamda function using Arrow operator & Direct pass function on behalf of calling it.

- Debouncer

- Need to execute multiple Futures concurrently? Use Future.wait.

- Spread operator

- Localization in the flutter

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Looping Strategies

- Operation on loops
    - takeWhile
    - skipWhile
    - Where
    - every
    - firstWhere
    - IndexWhere
    - join

- For vs For each

- List view, Scroll view, and Listview.Builder

Average time to complete benchmark (ms)

Activity

- Find the bug in the code

- Bi-weekly we are planning to have one session for technical discussion and new findings of each employee.

    - Create generic function to create clone of list object or model
    - Two user defined object comparison
    - Two list comparison with user define object
    - New Sections of logs
    - We have to add proper comments on parameters, methods and extension when needed.

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thank you!