

Achieving Target Levels

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Contents:

Actionable Plan

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Actionable steps which could be undertaken to achieve or exceed target:

- Employ a tool to reliably calculate coverage (this would involve figuring out correct configuration for Jest or using Istanbul to instrument transpiled code).
 - This agrees with the first item of 4.1 (lack of appropriate tool).
- Identify testable and untestable segments of the code (e.g. UI components could be considered untestable given a our set of requirements).
- Re-evaluate target level and whether it is sensibly set.
 - This agrees with the "test coverage" item of 4.1.
- Deploy the system to a production environment and collect data which will help with re-adjusting the specificity of certain test cases, and identify new ones.
 - This agrees with the last item of 4.1 ("lack of data").

We choose two identified deficiencies from 4.1 and suggest ways these could be repaired.

- For lack of data, we already explained one approach of collecting real-world data by deploying monitoring functionality in the system.
- For inadequate test coverage tool, we suggested the use of a Babel plugin to tackle the transpilation issue, which would most likely enable the calculation of coverage.