

## PA193 project part 3 – JSON parser analysis

- Automated analysis performed using:
  - PRefast
  - CppCheck
  - Visual Studio analyzer
  - Clang Static Analyzer
- A very small number of false positives.
- No legitimate issues found.
- Manual review:
  - Source code approaching 2000 LOC.
  - Reviewers not familiar with JSON format.
  - Only rudimentary review of source code quality, no checking against specification.
  - Checked handling of obvious corner cases.
    - (empty file/string/list, long values, EOF in weird places, etc.)
  - No legitimate issues found.