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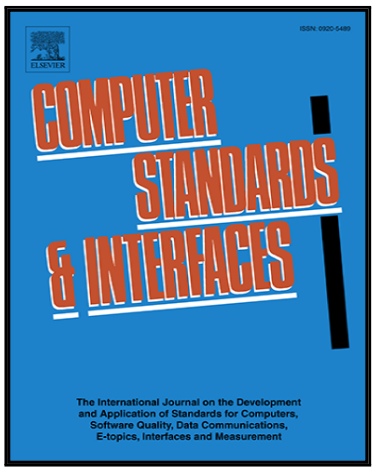

Spotting and removing WSDL anti-pattern root causes in code-first Web Services: A thorough evaluation of impact on service discoverability

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Highlights

- A code-first approach and tool support to develop discoverable Web Services in Java is described
- A thorough validation of the approach backed up by statistical significance tests is presented
- The GAnalyzer module early detects the presence of WSDL anti-patterns in service codes
- The GMapper module further reduces WSDL anti-patterns upon generating descriptions
- The assessment shows that the approach achieves better service discoverability levels compared to third-party approaches

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