ProtoCrawler

Discover known and unknown vulnerabilities across your portfolio

ProtoCrawler is an intelligent fuzz testing solution, used to identify security weaknesses & implementation bugs.

Why should you use ProtoCrawler?

Enhance the robustness and security of your products by proactively uncovering vulnerabilities before they can be exploited.

1 Intelligent Test Generation

Improved efficiency and accuracy by generating inputs more likely to uncover vulnerabilities, based on a deeper understanding of product behaviour and structure.

2 Comprehensive Reporting

Generate and customise reports to guide testing, drive fixes, share key insights with stakeholders, and demonstrate continuous improvement over time.

3 Protocol Models

Utilise structured protocol models to automatically generate and analyse intelligent fuzz tests, ensuring comprehensive coverage and vulnerability detection.

Generation

Define your target interface and testing scope to match the time you have available.

- ✓ Save manual effort and time by automatically generating test configurations
- ✓ Tailor the level /structure of malformations to suit your test target
- ✓ Maximise code coverage using pre-configured test generators
- ✓ Re-use optimised testing configurations to support regression testing
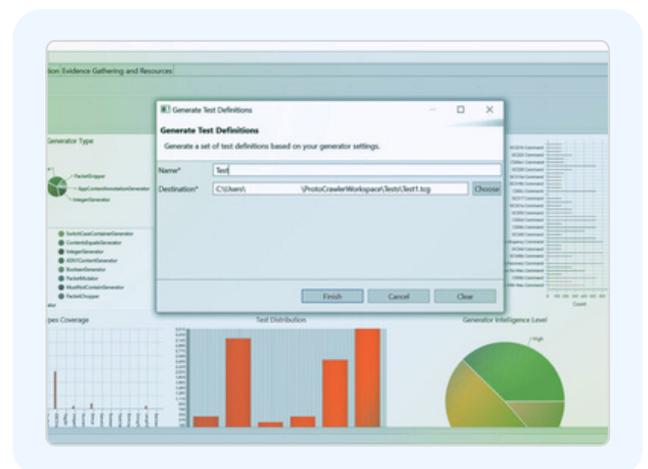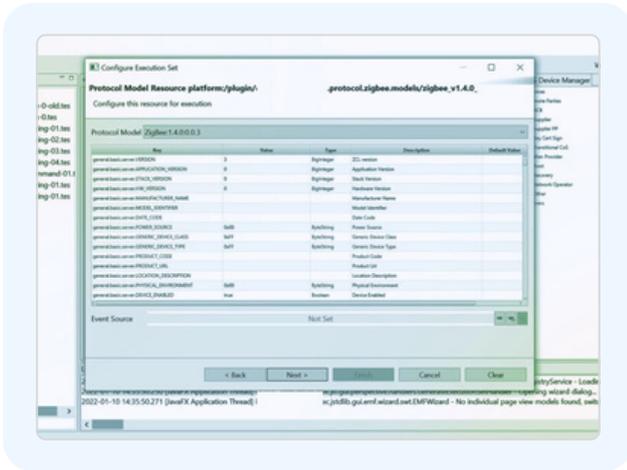
Execution

Automatically produce test data, execute the tests, and collect detailed evidence.

✓ Instantly execute thousands of pre-configured tests

✓ Monitor testing progress in real-time using an intuitive GUI

✓ Pause, modify and edit testing configurations mid-test

✓ Seamlessly integrate into a test management system/workflow

Analysis

Automatically analyse your test results to see where you need to focus efforts.

✓ Pre-configured scoring matrix developed from years of testing experience

✓ Prioritise follow up investigations to focus on higher risk areas

✓ Customise scoring matrix and/or set pass/fail criteria

✓ All the tools to construct your own analysis approach/structure
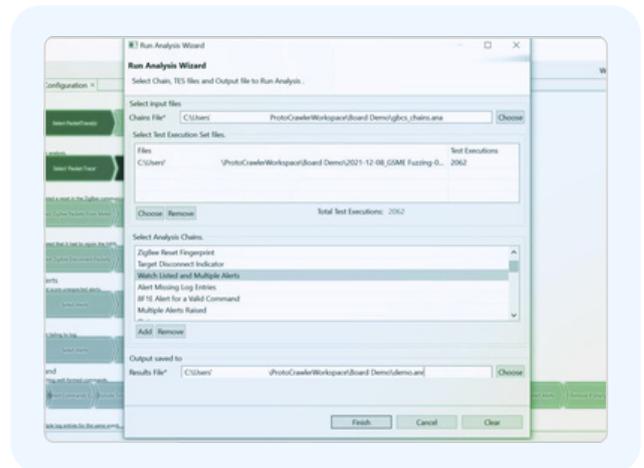
Extract reports to guide further testing activities or drive product fixes.

Standardised reports

Standard reports translate complex data into actionable insights for informed decision-making and response.

Customised reports

Customise and brand reports to fit your preferences or corporate identity, ensuring tailored presentation of data.

Share critical findings

Share findings with internal stakeholders to ensure informed decision-making and proactive management of organisational impacts.

Continuous improvement

Show improvement over time, highlighting organisational evolution through analysis and iterative enhancements.

Want access to ProtoCrawler?

Use the QR code to book a demo, request some free access or to sign up today.

cytal.co.uk