



Solar appScreener

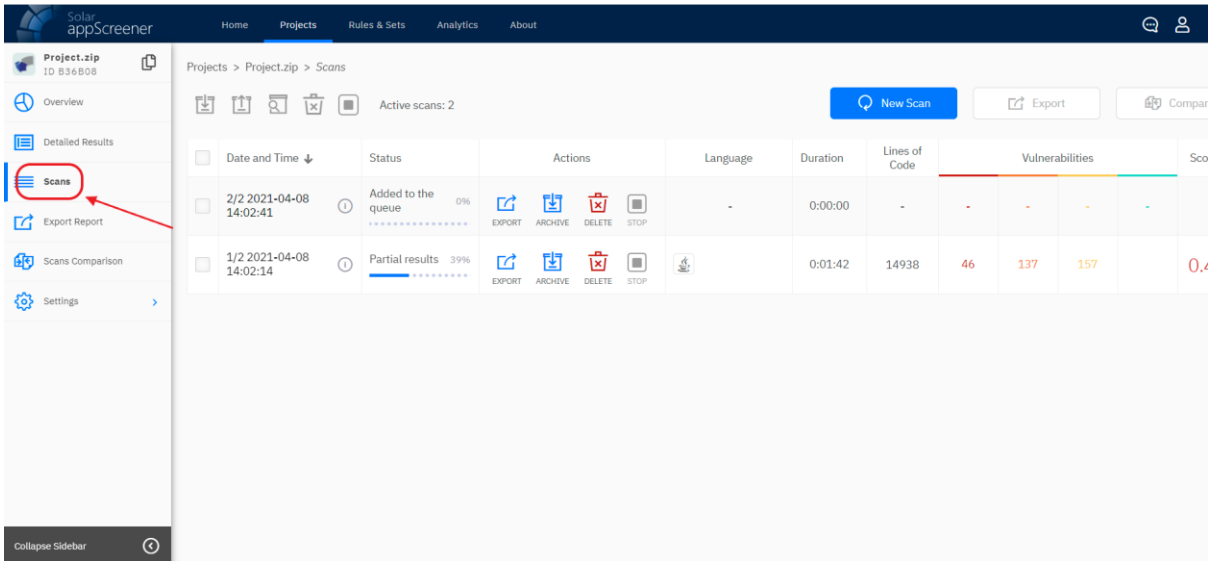
Version 3.9

Release notes

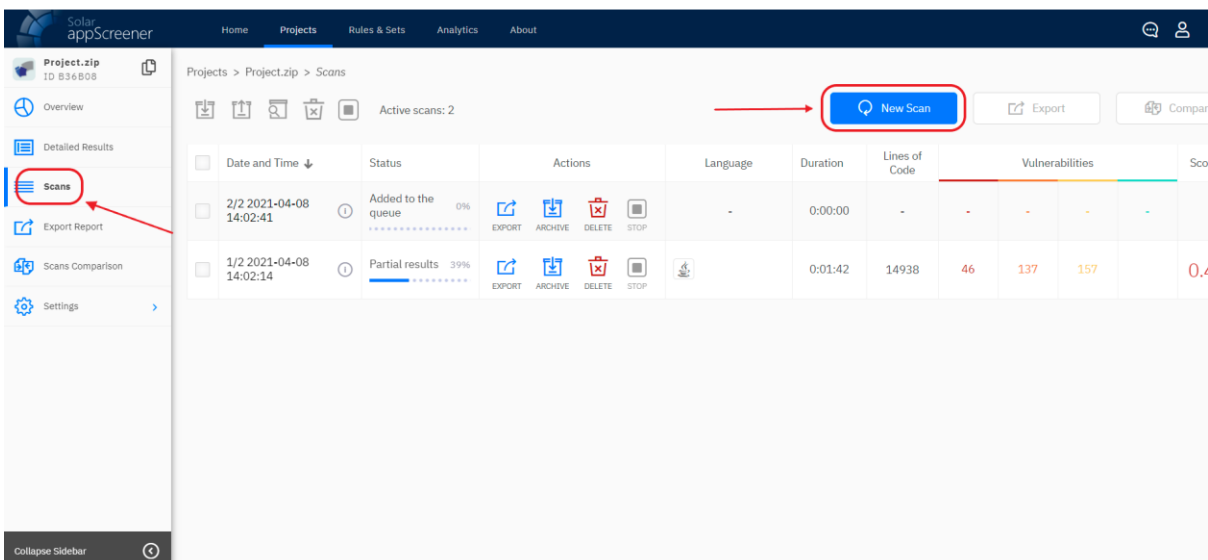
2021

What's new

- User interface:
 - Added manual file selection for analysis. When launching analysis, you can view the list of files to be analyzed and manually exclude unnecessary ones.
 - Added statistics on analyzed files. You can find it in the interface (section **Overview**) and as well include it into the report.
 - Implemented scanning queue within one project. You can now launch several scans at once with different settings. To view the scan statuses, go to section **Scans**.

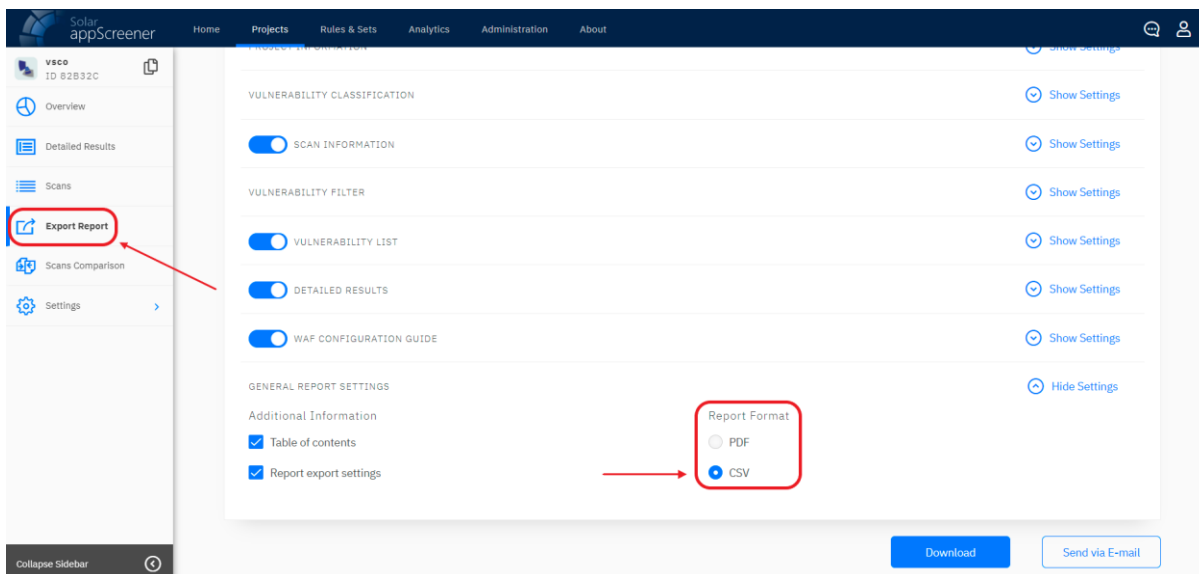


- You can now start a new scan from the **Scans** page. The **New Scan** section was removed from the side menu.



- Implemented functionality to delete scans. You can archive or delete scans from the system at will in Actions.
- Report:

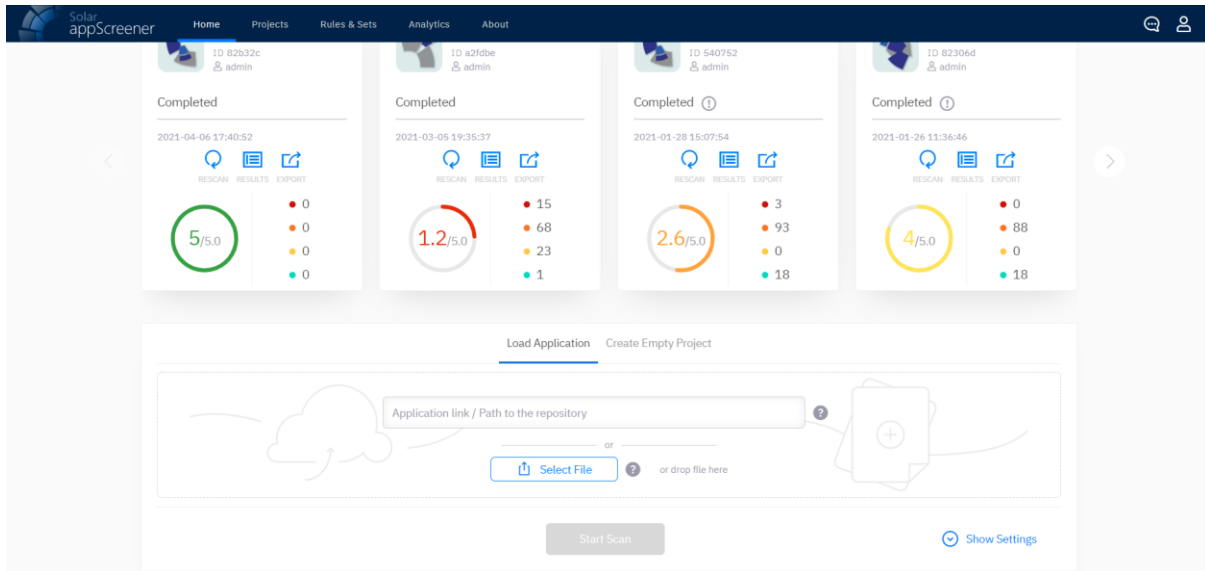
- Added functionality to download the report in CSV format. To get the report, select the format in **General Report Settings** and download. The report contents are put into an archive with CSV files and are similar to the PDF report.



- Analysis modules:
 - Added support of **Dart** language.
 - **JavaScript**. Added support of the **Vue.js** framework.
 - **Python**. Added support of the **Flask** framework.

What's improved

- User interface:
 - Beautified analysis launch form. The **Select file** button and the field for an application link are now on one tab.



- Analysis modules:
 - C/C++: implemented detection of destructors and initializations of threads likely to throw exceptions.
 - JVM:
 - Improved lambda expressions processing.
 - Implemented detection of possible race conditions.
 - Implemented detection of unclosed resources.
 - Implemented detection of calls to closed resources.
- Vulnerability search rule base:
 - Added new patterns for vulnerability searching for supported programming languages:
 - 1C: 2;
 - Apex: 1;
 - C/C++: 8;
 - COBOL: 1;
 - Configuration files: 3;
 - Dart: 30;
 - Delphi: 4;

- Go: 7;
 - Groovy: 1;
 - HTML5: 16;
 - Java, Scala, Kotlin: 2;
 - JavaScript: 5;
 - LotusScript: 7;
 - Perl: 1;
 - PHP: 4;
 - PL/SQL: 1;
 - Python: 6;
 - Swift: 32;
 - TypeScript: 1;
 - VB.NET: 1;
 - Visual Basic 6.0: 1;
 - VBA: 3;
 - VBScript: 2;
 - Pascal: 1.
- Updated vulnerability descriptions.

What's fixed

- User Interface:
 - Search by key words in the **Rules** section.
- Analysis modules:
 - C/C++: the presence of a project file or solution for which there is no required version of Visual Studio installed no longer results in a fatal build error.
 - Fixed incremental analysis logics. When selecting the **Incremental analysis** option in scan settings, the system now right away analyzes only modified files.