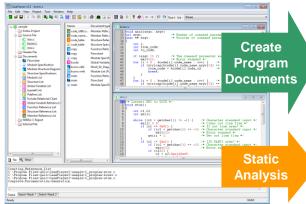


CasePlayer2

ISO 26262 Certified

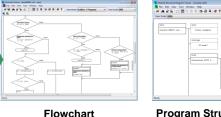
Create program documents and charts Improve software reliability of newly developed source code Aids understanding of existing software resources Certified by TÜV SÜD as a tool that meets the ISO26262/IEC61508 standard

CasePlayer2 is an integrated reverse CASE tool that can create program documents such as flowcharts and MISRA-C reports from analyzing the source code. It includes a Document Browser for easy access to the program documents and source code for review.



the design phase.

Source Code Editor / Document Viewer



Program Structure Diagram



Global Variable List



MISRA-C Report

program documents as

records.

Fast and Easy Program Document Creation

CasePlayer2's analyzer works fast and is easy to use because it reads the actual source code logic without requiring any special comments or #pragma descriptions.

Document Examples:

Flowchart, Module (Function) Specification Sheet, Module Structure Diagram, Module (Function) List, Structure Specification Sheet, Structure List.

Create Global Variable and Structure Reference Lists

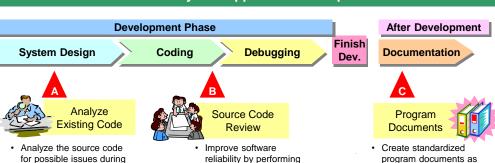
Global variable and structure reference/assignment lists may be created using CasePlayer2. This feature provides a quick reference, and can be useful in finding unexpected read/write errors.

Document Examples:

Global Variable List, typedef List, #define List, Global Variable Reference List, Function Reference List, Structure Reference List, Structure Member Reference List.

GAIO is the first company to obtain tool certification for the automotive functional safety standard ISO 26262 in the Asia-Pacific region. Tool certification was granted by third-party certification organization TÜV SÜD Germany.





source code reviews.



Integrated Reverse CASE Tool for Embedded **Development**

CasePlayer2 is an integrated reverse CASE tool that can create program documents such as flowcharts and MISRA-C reports from analyzing the source code. It includes a Document Browser for easy access to the program documents and source code for review.

Fast and Easy Program Document Creation

CasePlayer2's analyzer is easy to use because it reads the actual source code logic without requiring any special comments or #pragma descriptions. It is also fast, capable of scanning 10,000 lines of C code in a matter of seconds.

Document Examples

Flowchart, Module (Function) Specification Sheet, Module Structure Diagram, Module (Function) List, Structure Specification Sheet, Structure List.

Create External Variable and Structure Reference Lists

External variable and structure reference/assignment lists may also be created with CasePlayer2. This feature provides a quick reference, and can be useful in finding unexpected read/write external variable and structure errors.

Static Analysis Report Examples

Global Variable List, typedef List, #define List, Global Variable Reference List, Function Reference List, Structure Reference List, Structure Member Reference List.

Printer-Friendly, Customizable, Save Documents in MS-Word / HTML File Format

CasePlayer2 documents are printer friendly, user customizable and may be saved in MS-Word or HTML format for easy access from external applications.

MISRA-C Checker

MISRA-C 1998 & 2004 rule sets for C code checking are supported with configurable options.

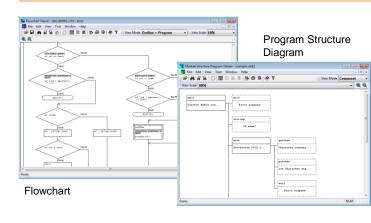
Source Metrics

Cyclomatic complexity, Myer's interval, nesting count, code size, number of comment lines, static path count, etc.

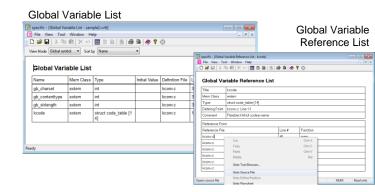
Features

- Document Browser for viewing program documents and source
- Create a variety of documents including:
 - Module Structure Diagram, Module Specification Sheet, Structure Specification Sheet, Flowchart, Module List, Structure List, etc.
- Compatible Source Code: ANSI C, embedded C and assembly
- Save documents in MS-Word or HTML file format
- Save charts in BMP or PNG image file format
- Printer-friendly
- Fast and easy to use

Charts



Global Variable Lists



MISRA-C Report



MISRA-C 1998 & 2004 rule sets supported for C code checking

System Requirements

- **IBM** Compatible
- USB port (for USB license key)
- Windows XP, Windows Vista (32-bit), Windows 7 (32/64-bit)
- Hard Drive: 50 MB free space
- Microsoft Internet Explorer 5.5 or newer to view HTML format
- Microsoft Word 2000 or newer to view MS-Word format documents

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