

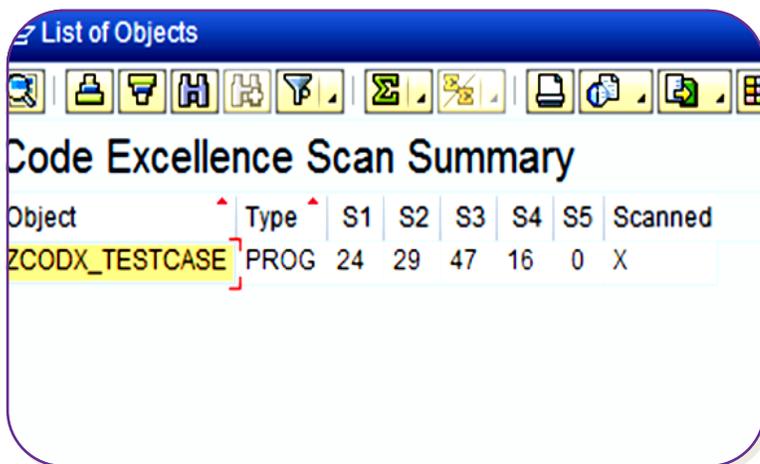
# Hawkeye APOD

## Code Review. Simplified

**Hawkeye APOD helps developers improve their programming skills and understand the quality of their software.**

Hawkeye APOD provides ABAP programmers with a powerful find-and-fix-it tool designed to ensure that their work is consistent with corporate coding guidelines. With APOD, a development team can consistently apply code quality assurance processes with minimal impact on their schedule. Easy to use on-line help will guide each developer on the application of each best practice rule.

The result? Programmers are engaged in the process of applying best practices in their daily work, and team leads are assured of a consistent level of quality from their teams without having to go through expensive technical code reviews.



The screenshot shows a software interface titled "List of Objects" with a "Code Excellence Scan Summary" table. The table has columns for Object, Type, S1, S2, S3, S4, S5, and Scanned. The row for ZCODX\_TESTCASE shows 24 issues in S1, 29 in S2, 47 in S3, 16 in S4, and 0 in S5, with a status of 'X' in the Scanned column.

Object	Type	S1	S2	S3	S4	S5	Scanned
ZCODX_TESTCASE	PROG	24	29	47	16	0	X

### KEY BENEFITS

- **Produces** consistently higher quality code by enhancing the developer's skill set.
- **Encourages** self-management and review.
- **Pinpoints code issues** down to the exact line.
- **Improves** quality of delivered code.
- **Provides objective** code review process. Eliminates conflict amongst peers.

### FEATURES

#### Review Your Code

Fully integrated with our Hawkeye Monitor source code analysis tool, Hawkeye APOD is used by individual programmers as needed to perform automated reviews of their particular code contribution. A programmer using Hawkeye APOD follows the same rules used in Hawkeye Monitor, so code is always in compliance with your business's guidelines and best practices.

#### Accelerated Learning Curve

Hawkeye APOD helps programmers learn to write better code by showing them where the issues are and how to fix them. Because programmers are able to understand how to fix the error by referring to context-specific quick reference help links, they are able enhance their own skill set and deliver higher quality code.

#### Seamless Integration into the Existing Workflow

Built to fit seamlessly into the programmers' workflow, Hawkeye APOD nurtures code quality self-management adoption by encouraging developers to ensure they are compliant with the business's best practices and are always checking in quality code.

#### Boost Productivity

Hawkeye APOD involves individual programmers in the code quality assurance process by allowing them to easily check their code as it is being developed. Programmers are empowered to monitor and remediate their individual contribution quickly, resulting in greater productivity by avoiding rework later in the development cycle.

## TECHNICAL SPECIFICATIONS

**APOD - ABAP Programming Optimization Development Tool**

Option for code scan

Object type and object name

Workbench request

All open workbench requests containing string

All open workbench requests & tasks for user

Report Detail Type

Report Violations for Current Version Only

Report All Violations

Object type and object name: prog ZCODX\_TESTCASE

Delta Scan Selected:

Status:

Category: Severity 1: 24, Severity 2: 20, Severity 3: 47, Severity 4: 16, Severity 5: 116, Total: 116

SEVERITY	Risk Type	RULE NAME	OBJECT	Procedure	LINE	MESSAGE	EXCEPT
1	Data Integrity	DIRECT UPDATE TO SAP TABLE	Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	551	Table SFLIGHT is a SAP Table. Do Not Update	
	Data Integrity		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	552	Table TEXTPOOL is a SAP Table. Do Not Update	
	Stability	MISSING CRITICAL PROGRAM ELEMENT	Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	415	Table MARA does not exist	
	Stability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	1257	Table MARA does not exist	
	Stability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	1371	Table MARA does not exist	
	Stability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	1392	Table MARA does not exist	
	Unpredictability	SY-SUBRC NOT HANDLED	Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	39	No Handling of SY-SUBRC After Reading Database Statement	
	Unpredictability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	54	No Handling of SY-SUBRC After CALL FUNCTION	
	Unpredictability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	204	No Handling of SY-SUBRC After Reading Database Statement	
	Unpredictability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	415	No Handling of SY-SUBRC After Reading Database Statement	
	Unpredictability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	551	No Handling of SY-SUBRC After Changing Database Statement	
	Unpredictability		Program ZCODX_TESTCASE	Include ZCODX_TESTCASE	558	No Handling of SY-SUBRC After Reading Database Statement	

### Supported Run-Time Environments

- All 7.x ABAP Basis component release

### Supported Frameworks

- CodeExcellence supports all **common** ABAP, Java and .NET frameworks

### Supported Frameworks

- CRM, ECC, SRM, PLM, SCM, Mobile

### Systems Requirements

- Minimum Recommended

### Browser Support

- IE7+
- Firefox 10+
- Chrome 20+

(\* Browser must have JRE1.6 enabled)

### WHO IS IT FOR?

- Tech leads
- Procurement managers
- Developers

### PROBLEMS SOLVED:

- Automatic and objective 100% Code Compliance
- Encourages code quality self-management
- Engages programmers in the code quality assurance process
- Develops and enhances programmer's skill set
- Less refactoring; faster time to market

Learn how to gain **visibility** and **control** for your software quality: Visit [www.codeexcellence.com](http://www.codeexcellence.com) Now.

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