

Verfügbare Qualitäts-Regeln in eXplain

Die folgenden Regeln sind aktuell in eXplain vorhanden und können durch Parameter an die jeweilige Kundensituation angepasst werden.

Jede Regel kann einzeln aktiviert/deaktiviert und einem bestimmten Schweregrad zugeordnet werden.

Im Rahmen von Kundenprojekten kann die Liste der verfügbaren Regeln nach gemeinsamen Spezifikationen erweitert werden.

QA_CBL_AAN	Assignment Alpha Numeric
QA_CBL_ADWL	Accept Date Within Loop
QA_CBL_ANA	Assignment Numeric Alpha
QA_CBL_APL	Assignment Precision Loss
QA_CBL_CFNSTOF	Copybook Field Not Similar To Other Field
QA_CBL_CICSCRCNC	CICS Call Return Code Not Checked
QA_CBL_CICSCRCNCBF	CICS Call Return Code Not Checked By Function
QA_CBL_CICSCRCNR	CICS Call Return Code Not Requested
QA_CBL_CNLE	Condition Nesting Limit Exceeding
QA_CBL_CNSIS	Condition Not Set in Section
QA_CBL_DEANO	DataElement Alpha Numeric Overlapping
QA_CBL_DEINU	DataElement Initialized but Not Used
QA_CBL_DENU	DataElement Not Used
QA_CBL_DEUNI	DataElement Used but Not Initialized
QA_CBL_DPCU	Dynamic Program Call Used
QA_CBL_DSNA	Display Statement Not Allowed
QA_CBL_DSNA	Display Statement Not Allowed
QA_CBL_ENCI	End Not Correct Indented
QA_CBL_EWEE	Evaluate Without End-Evaluate
QA_CBL_EWS	Exit Without Section
QA_CBL_EWWO	Evaluate Without When Other phrase
QA_CBL_FMNA	Field Modification Not Allowed
QA_CBL_FNIBP	Field Not Initialized Before Perform
QA_CBL_FNU	File Not Used
QA_CBL_GSFUWQ	Group-Sub-Field Used Without Qualification
QA_CBL_GTIS	Go To Inter-Sectional
QA_CBL_GTOOL	Go To Out Of Loop
QA_CBL_GTU	Go To Used
QA_CBL_IBS	Initialize Big Structure
QA_CBL_IBS	Initialize Big Structure
QA_CBL_IBT	Initialize Big Table

QA_CBL_IBT	Initialize Big Table
QA_CBL_IBT	Initialize Big Table
QA_CBL_ICOSCO	If Cascade On Same Condition Operand (use EVALUATE)
QA_CBL_IMSCRCNC	IMS Call Return Code Not Checked
QA_CBL_IOWEH	IO Without Error Handling
QA_CBL_ISNCI	If Structure Not Correctly Indented
QA_CBL_ISNCI	If Structure Not Correctly Indented
QA_CBL_ISNCI	If Structure Not Correctly Indented
QA_CBL_IWEI	If Without End-If
QA_CBL_IWEI2	If Without End-If 2
QA_CBL_LNLE	Loop Nesting Limit Exceeding
QA_CBL_LOMSADDM	Length Of Move Source And Destination Dont Match
QA_CBL_MCFTM	Move Corr Field Type Mismatch
QA_CBL_MQCRCNC	MQ Call Return Code Not Checked
QA_CBL_NSU	NEXT SENTENCE used
QA_CBL_OCMCC	Open Cursor Missing Close Cursor
QA_CBL_OCWL	Open Cursor Within Loop
QA_CBL_PCANC	Program Call Argument Naming Convention
QA_CBL_PCMTO	Procedure Called More Than Once from program
QA_CBL_PCPNI	Program Call Parameter Not Initialized
QA_CBL_PCPNI	Program Call Parameter Not Initialized
QA_CBL_PCPNI	Program Call Parameter Not Initialized
QA_CBL_PCPNI	Program Call Parameter Not Initialized
QA_CBL_PCPNSTSV	Program Call Parameter Not Set To Specific Value
QA_CBL_PCRCNC	Program Call Return Code Not Checked
QA_CBL_PCSLE	Program Code Statements Limit Exceeding
QA_CBL_PESL	Period Ends Statement Levels
QA_CBL_PNC	Program Not Called
QA_CBL_PNP	Paragraph Not Performed
QA_CBL_PNP	Paragraph Not Performed
QA_CBL_PPFSWNC	Procedure Performend From Section With Naming Convention
QA_CBL_PSLE	Paragraph Statements Limit Exceeding
QA_CBL_SA	Self-Assignment
QA_CBL_SNP	Section Not Performed
QA_CBL_SNP	Section Not Performed
QA_CBL_SOPNE	Sections Or Paragrhs Not Exclusive
QA_CBL_SOPNE	Sections Or Paragrhs Not Exclusive
QA_CBL_SPCU	Static Program Call Used
QA_CBL_SQLCNC	SQL Code Not Checked
QA_CBL_SQLDCWOB	SQL Declare Cursor Without Order By
QA_CBL_SQLFU	SQL Function Used
QA_CBL_SQLMRFRNC	SQL Multiple Rows Fetch Result Not Check
QA_CBL_SQLNIBSOF	SQL No Initialization Before Select Or Fetch
QA_CBL_SQLNIBSOF	SQL No Initialization Before Select Or Fetch

QA_CBL_SQLNIBSOF	SQL No Initialization Before Select Or Fetch
QA_CBL_SQLNMBIOU	No Modification Before SQL Insert Or Update
QA_CBL_SQLNMBIOU	No Modification Before SQL Insert Or Update
QA_CBL_SQLSCIWFF	SQL Select Constant Into Without Fetch First Row
QA_CBL_SQLSRFWL	SQL Single Row Fetch Within Loop
QA_CBL_SRU	Stop Run Used
QA_CBL_SSLE	Section Statements Limit Exceeding
QA_CBL_SWCB	Section Without Comment Before
QA_CBL_SWE	Section Without Exit
QA_CBL_SWE	Section Without Exit
QA_CBL_SWP	Section Without Paragraph
QA_CBL_TIONCWL	Table Index Overflow Not Checked Within Loop
QA_DC	Dead Code detected
QA_MM	Missing Module
QA_NAT_BT	Usage of BACKOUT TRANSACTION in a database block
QA_NAT_COND	Usage of critical logical condition
QA_NAT_DBF_UPDATE	Usage of UPDATE instruction in a FIND WITH-Equal block
QA_NAT_DBF_WHERE	Usage of WHERE clause in FIND
QA_NAT_DBF_WITH	Usage of WITH clause in FIND
QA_NAT_DBH_FROM	Usage of FROM clause in HISTOGRAM
QA_NAT_DBH_RANGE	Usage of RANGE clause in HISTOGRAM
QA_NAT_DBH_WHERE	Usage of WHERE clause in HISTOGRAM
QA_NAT_DBR_FROM	Usage of FROM clause in READ
QA_NAT_DBR_RANGE	Usage of RANGE clause in READ
QA_NAT_DBR_WHERE	Usage of WHERE clause in READ
QA_NAT_EXTCALL	Usage of external modules
QA_NAT_HEX	Usage of HEX literal
QA_NAT_LINEREF	Usage of line references
QA_NAT_NO_LABEL	Usage of update and delete statements with no label
QA_NAT_ON_ERROR1	Usage of ON ERROR with program termination and without BACKOUT TRANSACTION
QA_NAT_ON_ERROR2	Usage of ON ERROR without program termination and BACKOUT TRANSACTION
QA_NAT_SORT	Usage of SORT statement
QA_PLI_GOTOLIOPT	Enterprise PLI message IBM1092I
QA_PLI_GOTOUSED	Enterprise PLI message IBM1458I
QA_PLI_LINECMTOS	Enterprise PLI message IBM2464I
QA_PLI_LINECTMS	Enterprise PLI message IBM2475I
QA_PLI_MAXNESTDOSE	Enterprise PLI message IBM2426I
QA_PLI_MAXNESTIFSE	Enterprise PLI message IBM2427I
QA_PLI_MULCLGR	Enterprise PLI message IBM1120I
QA_PLI_ONERRNOSYS	Enterprise PLI message IBM2621I
QA_PLI_PROCNR	Enterprise PLI message IBM2800I
QA_PLI_SELCOOTHCL	Enterprise PLI message IBM1059I
QA_PLI_SLENLTV	Enterprise PLI message IBM1211I



QA_PLI_STRALTT	Enterprise PLI message IBM1186I
QA_PLI_VARNI	Enterprise PLI message IBM1085I
QA_PLI_VARUNR	Enterprise PLI message IBM2418I
QA_PLI_VDECLWDA	Enterprise PLI message IBM1482I
QA_RPGLE_CFU	Cycle File Used
QA_RPGLE_EPL	EVAL Precision Loss
QA_RPGLE_GTIS	Go To Inter-SubRoutine
QA_RPGLE_GTOOL	Go To Out Of Loop
QA_RPGLE_GTU	Go To Used
QA_RPGLE_IOEIUNC	IO Error Indicator Used but Not Checked
QA_RPGLE_IOEIUNC	IO Error Indicator Used but Not Checked
QA_RPGLE_IOSNC	IO Status Not Checked
QA_RPGLE_IOSNC	IO Status Not Checked
QA_RPGLE_IOSNC	IO Status Not Checked
QA_RPGLE_IOWEH	IO Without Error Handling
QA_RPGLE_PCPDTM	Program Call Parameter Data Type Mismatch
QA_RPGLE_PDFU	Program Described File Used
QA_RPGLE_PDFUED	Program Described File Used but existing External Description
QA_RPGLE_SQLCNC	SQL Code Not Checked
QA_RPGLE_SQLCNC	SQL Code Not Checked
QA_RPGLE_SQLCNC	SQL Code Not Checked