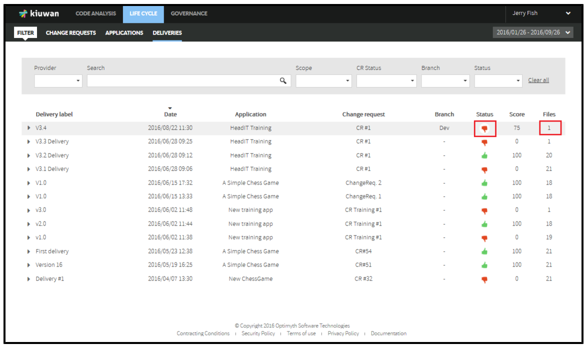
Deliveries Audit and Defects

This guide shows you how to manage the defects of delivery audits.

Contents:

To access the **Delivery Details module** for every delivery, click the **Status icon** or the **Files link** as shown below.



Delivery label	Date	Application	Change request	Branch	Status	Score	Files
V3.4	2016/08/22 11:30	HeadIT Training	CR #1	Dev	👎	75	1
V3.3 Delivery	2016/06/28 09:25	HeadIT Training	CR #1	-	👎	0	1
V3.2 Delivery	2016/06/28 09:12	HeadIT Training	CR #1	-	👍	100	20
V3.1 Delivery	2016/06/28 09:06	HeadIT Training	CR #1	-	👎	0	21
V1.0	2016/06/15 17:32	A Simple Chess Game	ChangeReq. 2	-	👍	100	18
V1.0	2016/06/15 13:33	A Simple Chess Game	ChangeReq. 1	-	👍	100	18
v3.0	2016/06/02 11:48	New training app	CR Training #1	-	👎	0	1
v2.0	2016/06/02 11:44	New training app	CR Training #1	-	👍	100	18
v1.0	2016/06/02 11:38	New training app	CR Training #1	-	👎	0	19
First delivery	2016/05/23 12:38	A Simple Chess Game	CR#54	-	👍	100	21
Version 16	2016/05/19 16:25	A Simple Chess Game	CR#51	-	👍	100	21
Delivery #1	2016/04/07 13:30	New ChessGame	CR #32	-	👎	0	21

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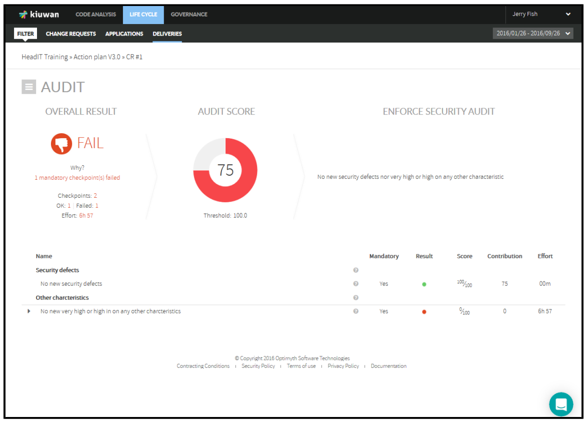
Deliveries Audit

Click the **Status icon** (thumbs up or down) of a delivery to open the **Audit Results for that delivery**.



HeadIT Training » Action plan V3.0 » CR #1

AUDIT

OVERALL RESULT

FAIL

Why?
1 mandatory checkpoint(s) failed

Checkpoints: 2
OK: 1 | Failed: 1
Effort: 6h 57

AUDIT SCORE

Threshold: 100.0

ENFORCE SECURITY AUDIT

No new security defects nor very high or high on any other characteristic

Name	Mandatory	Result	Score	Contribution	Effort
Security defects					
No new security defects	Yes	●	100/100	75	00m
Other charcteristics					
No new very high or high in on any other charcteristics	Yes	●	0/100	0	6h 57

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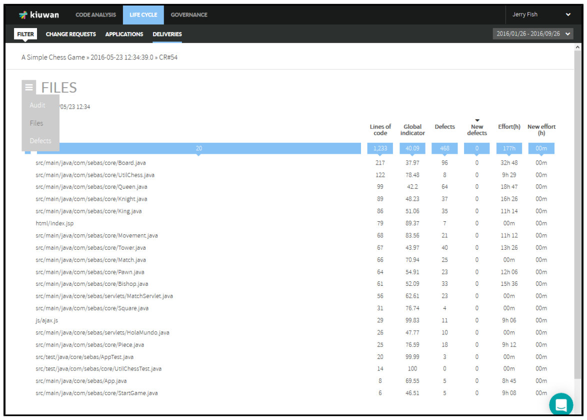
Please visit Audits Management - AuditResultsPage for details on Audit Results.

Deliveries Files

Open the **drop-down menu** next to the Files title and select **Files** to open the **Files details** for that delivery.



A Simple Chess Game » 2016-05-23 12:34:39.0 » CR#54

FILES

/05/23 12:34

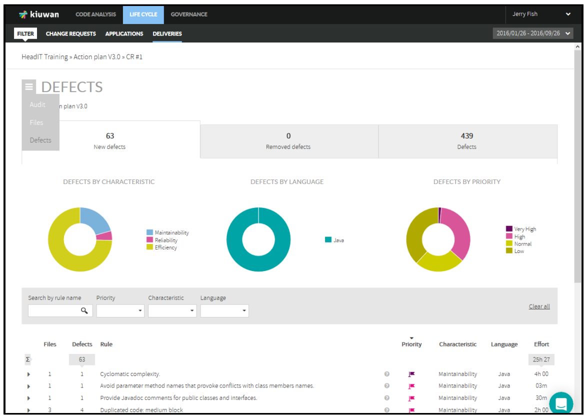
	Lines of code	Global indicator	Defects	New defects	Effort(h)	New effort (h)
20	1,233	40.09	468	0	177h	00m
src/main/java/com/sebas/core/Board.java	217	37.97	96	0	32h 48	00m
src/main/java/com/sebas/core/UtilChess.java	122	78.48	8	0	9h 29	00m
src/main/java/com/sebas/core/Queen.java	99	42.2	64	0	18h 47	00m
src/main/java/com/sebas/core/Knight.java	89	48.23	37	0	16h 26	00m
src/main/java/com/sebas/core/King.java	86	51.06	35	0	11h 14	00m
html/index.jsp	79	89.37	7	0	00m	00m
src/main/java/com/sebas/core/Movement.java	68	83.56	21	0	11h 12	00m
src/main/java/com/sebas/core/Tower.java	67	43.97	40	0	13h 26	00m
src/main/java/com/sebas/core/Match.java	66	70.94	25	0	00m	00m
src/main/java/com/sebas/core/Pawn.java	64	54.91	23	0	12h 06	00m
src/main/java/com/sebas/core/Bishop.java	61	52.09	33	0	15h 36	00m
src/main/java/core/sebas/servlets/MatchServlet.java	56	62.61	23	0	00m	00m
src/main/java/com/sebas/core/Square.java	31	76.74	4	0	00m	00m
js/ajax.js	29	99.83	11	0	9h 06	00m
src/main/java/core/sebas/servlets/HolaMundo.java	26	47.77	10	0	00m	00m
src/main/java/com/sebas/core/Piece.java	25	76.59	18	0	9h 12	00m
src/test/java/core/sebas/AppTest.java	20	99.99	3	0	00m	00m
src/test/java/com/sebas/core/UtilChessTest.java	14	100	0	0	00m	00m
src/main/java/core/sebas/App.java	8	69.55	5	0	8h 45	00m
src/main/java/com/sebas/core/StartGame.java	6	46.51	5	0	9h 08	00m

This screen displays a complete list of files included in the delivery. For every file, it shows absolute metrics of that file (lines of code, global indicator, number of defects and associated effort to target). Also, it shows metrics relative to the same file when it was analyzed as part of the application baseline:

- New defects: number of new defects of this file as compared to defects when analyzed as part of the baseline
- New effort: effort associated with these new defects

Deliveries Defects

Open the **drop-down menu** next to the Files title and select **Defects** to open the **Defects details** for that delivery.



HeadIT Training » Action plan V3.0 » CR #1

DEFECTS

n plan V3.0

63 New defects	0 Removed defects	439 Defects

	Files	Defects	Rule	Priority	Characteristic	Language	Effort
Σ		63					25h 27
	1	1	Cyclomatic complexity.		Maintainability	Java	4h 00
	1	1	Avoid parameter method names that provoke conflicts with class members names.		Maintainability	Java	03m
	1	1	Provide Javadoc comments for public classes and interfaces.		Maintainability	Java	30m
	3	4	Duplicated code: medium block		Maintainability	Java	2h 00

The defects page shows detailed information on delivery's defects.

Information is organized in three sections (**New defects**, **Removed defects,** and **Defects**), visually displayed as tabs.

If there is no baseline analysis for your delivery, all defects will appears as **new defects**.

The **New defects** section shows the total number of new defects that the delivery has introduced in the application (as compared to baseline). These new defects may come from two sources:

- defects found in the delivery files that did not appear when were analyzed in the baseline, and
- defects found in new files, i.e. files that were not part of the baseline

The **Removed defects** section shows the total number of defects that this delivery has removed from the baseline. The scope of the delivery affects how removed defects are calculated:

- In the case of a Partial delivery, removed defects calculus is based on the comparison between the defects found in the delivery files and defects of the same files when analyzed in the baseline.
- In case of a Complete delivery, removed defects will also include those defects of files that were analyzed in the baseline but are not part of the delivery. As the delivery is complete, the analysis assumes that those files are not part of the application any more so their associated defects have been implicitly removed.

The **Defects** section shows the total number of defects found in the delivery files.

Clicking any of those defects tabs to see complete detail on defects.