

Patch documentation

imc Learning Suite

Patch Documentation

Learning Suite

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1 Patch Documentation

1.1 About this document

This paper documents the changes to the imc Learning Suite in the specified version. These changes typically resolve known program errors. The resolved errors are listed individually. For each resolution, an area is listed where the corresponding issue was located and solved. Furthermore, a risk assessment was made based on the source code changes which were needed to be made to resolve the issue. This risk assessment does not assess a risk for a certain use case or scenario because this varies for each customer individually. Each change was checked according to the certified processes (ISO 9001:2008) of our development and QA department – at least two times before delivery. It is nevertheless recommended to perform additional testing of customer specific scenarios or use cases, if a change was made in an area that could have an impact on these scenarios.

1.2 Modifications

Area	Risk of changes			
	High	Medium	Low	No noticeable risk
Miscellaneous	0	0	0	2
Learning Paths	0	0	0	2
Accessibility	0	0	0	1
Security	0	1	0	0
Language Handling	0	0	2	0
Recertification / Compliance	7	0	0	0
Total: 15 issues	7	1	2	5

*) Notes about modifications with "high risk of changes"

- Recertification / Compliance

- After the user was added to the template and has completed the first course, he gets the next due date. This next due date is calculated as follows: The deadline DD/MM is taken in future after (initial) due date. If the recertification interval is < 12 month, then the interval is subtracted from the deadline until the user is still certified and the calculated date is still in the future after the due date. If the recertification interval is > 12 months, then the interval is added to the deadline until the user is still certified and the calculated date is in the future to get the due date in case initial due date is based on relative due date. In case due date is based on the fixed due date, that date should be considered for the due date. The interval is then added to the due date to get the next due date and the deadline is taken where the user is still certified. For the second course, the users could get less time to do the course but for the next courses, the user is in the cycle.
- For completed users on the course template, with the next job run the next due date was wrongly recalculated. This has been fixed to be the same as before the job runs.
- Scenario: User has already completed a course of the course template. When the job ran and the user is enrolled to the next course available, in certain cases, due date for that course was wrongly calculated to be the same as the due date of the last course. This has been corrected by ensuring the course due date would always be in the future compared to the last due date as expected behaviour.
- Scenario: User was nominated. There was no course available for enrolment. When the job ran, for relative due date, calculation for the due date of the first course was not considering days to finish. This has been corrected. Now when the job runs, if course is not available, the relative due date in the future and "assignment date + days to finish" are compared and later date is taken as the initial due date on the course template level.