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MS Teams Integration

LMS Service Configuration
imc Learning Suite

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Content

1   Description

This document provides information on configuration on back-end application along with Postman & Swagger document for using APIs.

2   Prerequsites / Limitations

– The service (social-integration-backend) needs to be configured to be part of the delivery package.
– A MS Teams tenant is needed (usually included in an Office 365 subscription / tenant).
– A technical user / app needs to be created to access the Microsoft Graph API with specifc permissions.
– The frontend URL need to be configured in the client properties.
– Only internal users belonging to the company's tenant can be added to the teams - no guests.
– The following MS Teams administration rights are required:
  `Group.Read.All`, `Group.ReadWrite.All`, `TeamsTab.ReadWrite`
  (see https://docs.microsoft.com/en-us/graph/permissions-reference for more details).

3   Functional Summary

– Sharing of visual representation of courses into Teams and Channels.
– Creation of an individual Teams Team per Course from within Course's Creation.
– Representation of the Course Content (Syllabus) inside the Course's Team.

4 Configuration

4.1 Service configuration inside the ILS

At the current state, the configuration is done in the configuration manager, entry "Social integration".

Please see the following screen shot for an example configuration:
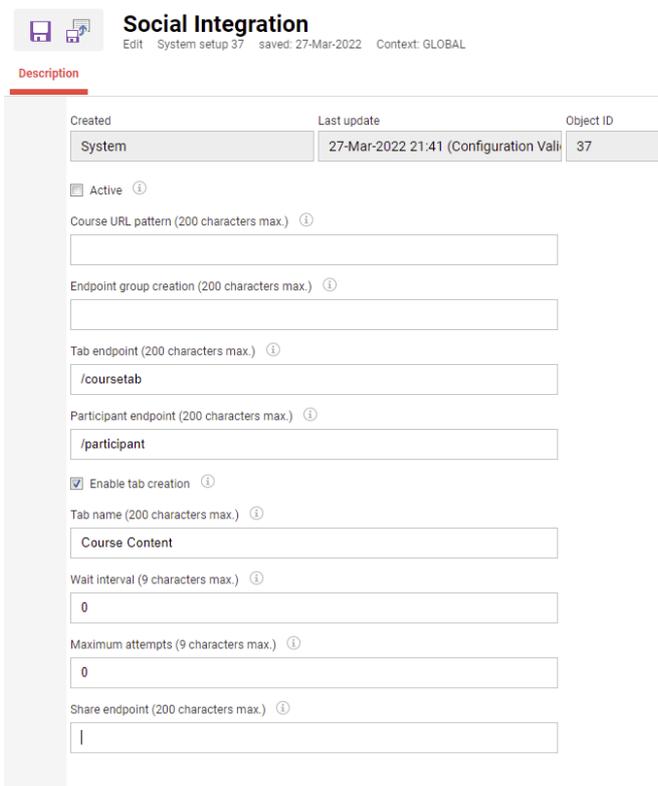
Fig. 4.1: "Custom parameters" inside the ILS.

The detailed explanation of the parameters is given in below table:

Parameter / Division	Description	Example Value
SocialIntegration	Division to hold the needed.	`Parameters`
courseUrlPattern	pages/course.jsf?courseId=%d&hideNavigationGlobal=true#!/courseroom/course	`hideNavigationGlobal=true is used to specify that the navigation should not be displayed inside the tab`
enabled	Used to generally enable or disable the integration.	`true`
shareEndPoint	API endpoint used for sharing; including external domain.	`https://achievemore.im-c.com/share`
groupEndpoint	API endpoint to create groups (i.e. teams); including internal domain and port.	`Value for Kubernetes:` `http://socialintegration:8080/socialintegration/group` `Value for Windows:` `http://localhost:8081/socialintegration/group`
tabCreationEnabled	Used to enable or disable tab creation; currently only generally.	`true`
tabName	Used to define the name of the channel tab.	`Course Content`
tabEndpoint	API endpoint to create a tab with a website URL in the general channel.	`/coursetab`
participantEndpoint	API endpoint to add and remove participants.	`/participant`

4.2   Known Issues

‒ MS Teams owners are created from Administrator and Tutors on the first saving, they are currently not updated later

‒ Tab name only in one language; will be moved to a bundle

‒ Teams are not removed when course is deleted / archived - Teams can be deleted by owners inside Teams.