



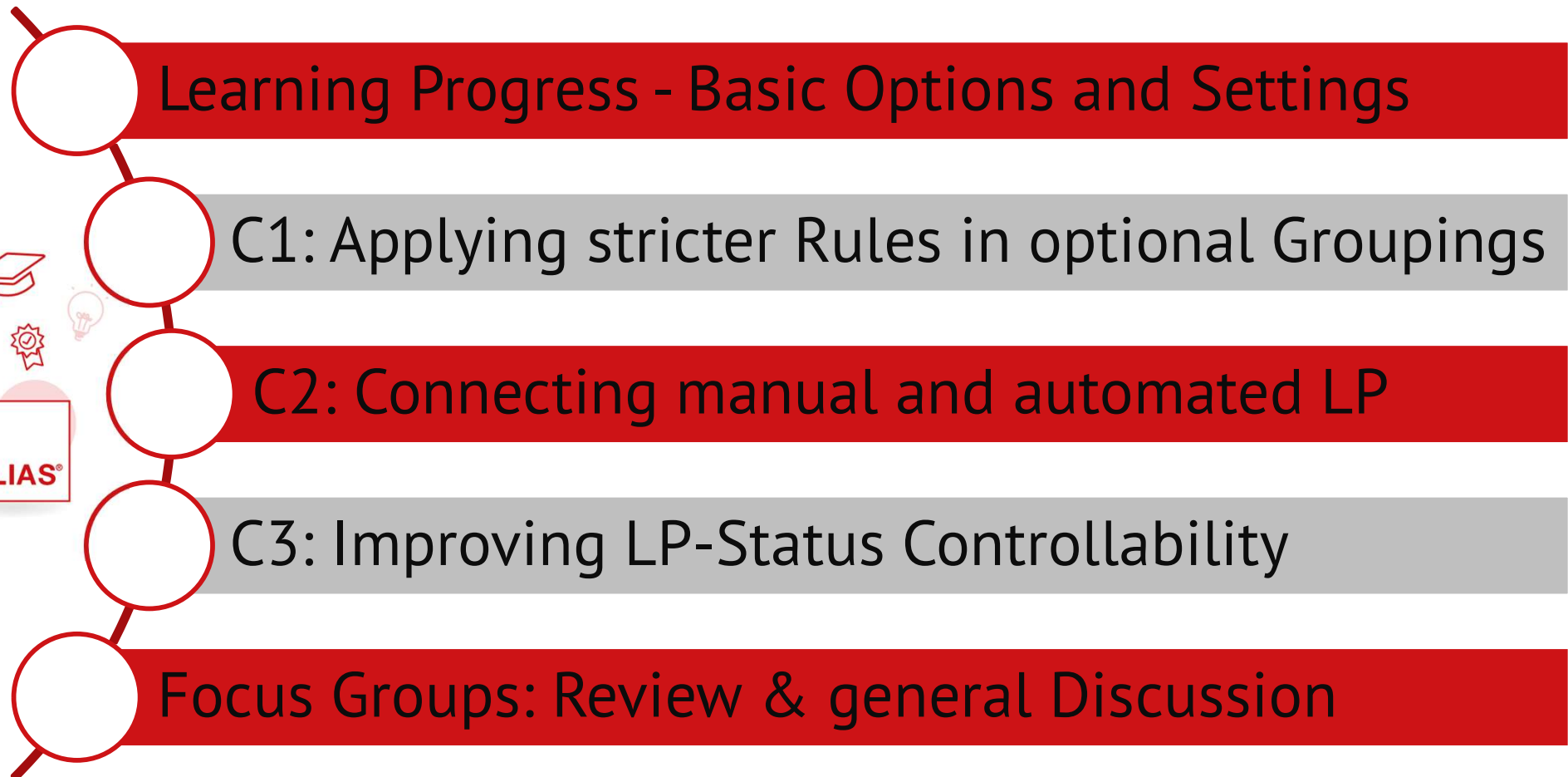
Enhancing the Adaptability and Flexibility of the Learning Progress in ILIAS Objects



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Outline



Outline



Learning Progress (e.g. course)

Content Info Settings Members **Learning progress** Metadata Export Permissions

[Course Participants](#) Matrix View Summary Settings

Show Participants: 07_Zertifikat Englisch online
Mode: Tutors monitor and set status
(1 - 2 of 2)

Send mail Execute choices

Login	First Name	Last Name	First Access
<input type="checkbox"/>	Testnutzer1	Sebastian	van Loo
<input type="checkbox"/>	Testplugin1103	Test	Plugin
<input type="checkbox"/> Select All			

Send mail Execute choices





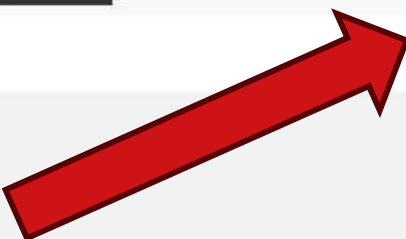

(1 - 2 of 2)

Not attempted

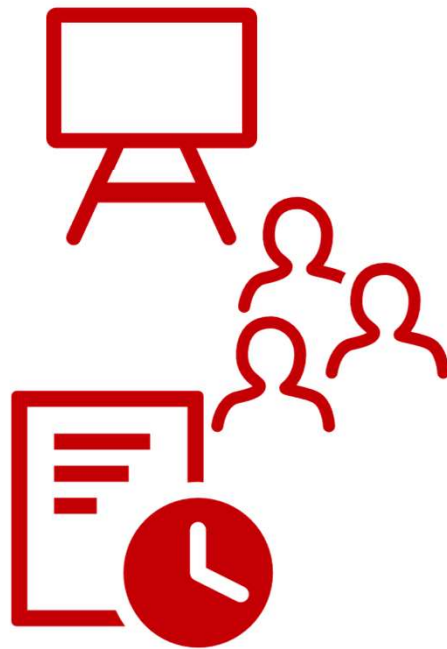
In progress

Completed

Failed



Optional Groupings in Objects



Item
<input type="checkbox"/> ClickList - Copy Mode: Status is Determined by a Collection of SCORM Items Path: Testkurs 1
<input type="checkbox"/> Databay-Drag&Drop-Beispiel - Copy Mode: Status is Determined by a Collection of SCORM Items Path: Testkurs 1
Minimum Number of Passed Materials: <input type="text" value="1"/>
<input type="checkbox"/> dbay-test_Soundboard - Copy Mode: Status is Determined by a Collection of SCORM Items Path: Testkurs 1
<input type="checkbox"/> Fastercourse_Travel for the Facts - Copy Mode: Status is Determined by a Collection of SCORM Items Path: Testkurs 1
<input type="checkbox"/> Test - Copy Mode: Minimally Required Amount of Time Spent on Learning Module Path: Testkurs 1
Minimum Number of Passed Materials: <input type="text" value="1"/>

Manual & automated LP-Modes



Learning Progress is Deactivated

The learning progress status is not displayed and does not influence parent objects.

Tutors monitor and set status

Tutors decide if users have accomplished the object. Tutors manually set the overall status i.e. 'Completed'

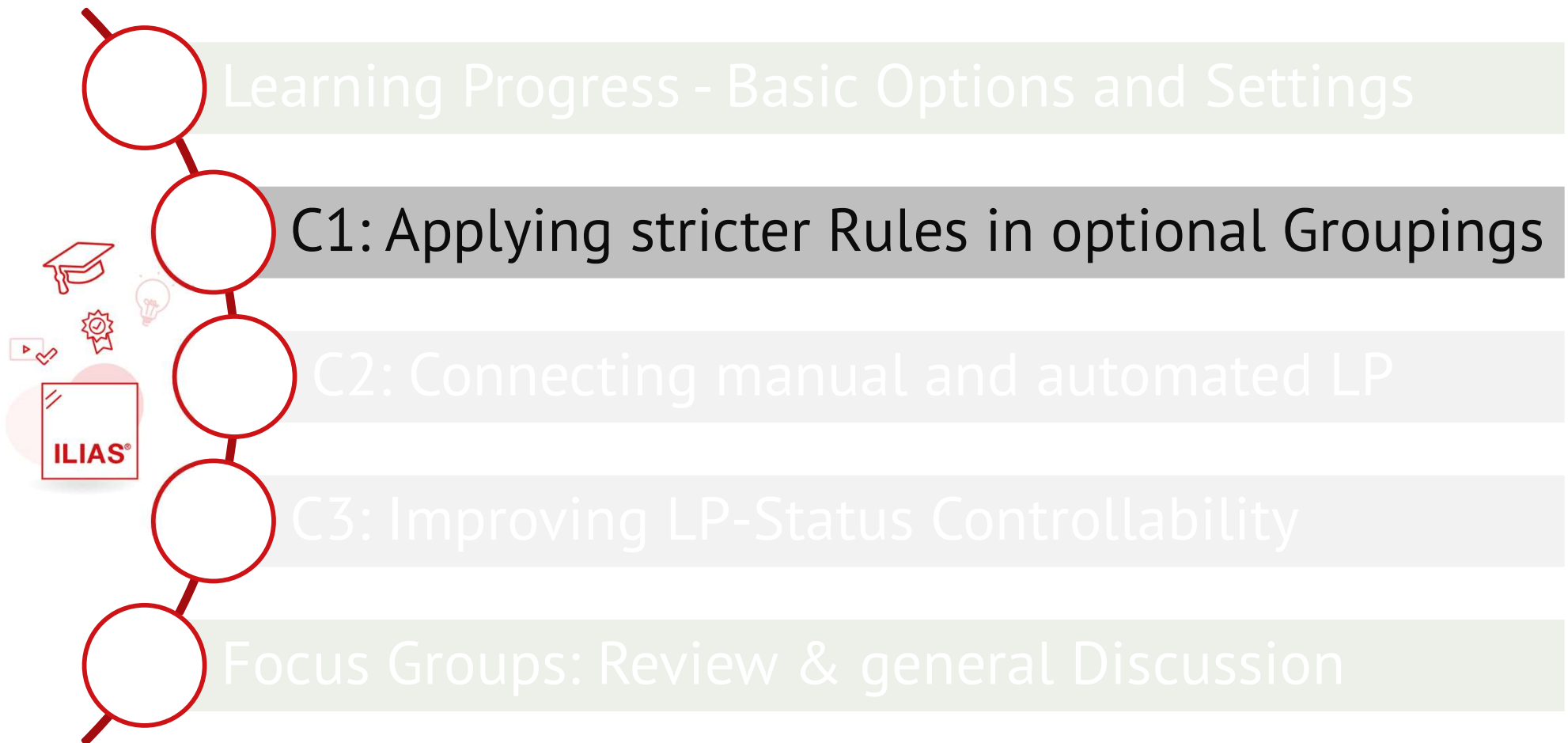
Status is determined by a collection of items

A user's learning progress status is determined by the learning progress status of a collection of items: If Items can be assigned to the collection on this screen after saving this setting.

Flexibilize/Stabilize the Status



Outline



Case 1: Applying stricter Rules in optional Groupings

Optional Assignments

"Failure is not an Option"

Pass Mode

All Mandatory Assignments

All mandatory assignments must be passed to pass the exercise.

Minimum Number of Assignments

A minimum number of assignments must be passed to pass the exercise. This value must be equal or higher than the number of mandatory assignments.

Number of Assignments *

1

Minimum Value: 1

This value must be equal or higher than the number of compulsory assignments.

No failure allowed




Failing one optional assignment will result in a failed exercise.


Random Selection

This mode cannot be activated. Reason: Users have already submitted to assignments.


Case 1: Applying stricter Rules in optional Groupings


Item


 ClickList - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

 Databay-Drag&Drop-Beispiel - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

Minimum Number of Passed Materials:

 dbay-test_Soundboard - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

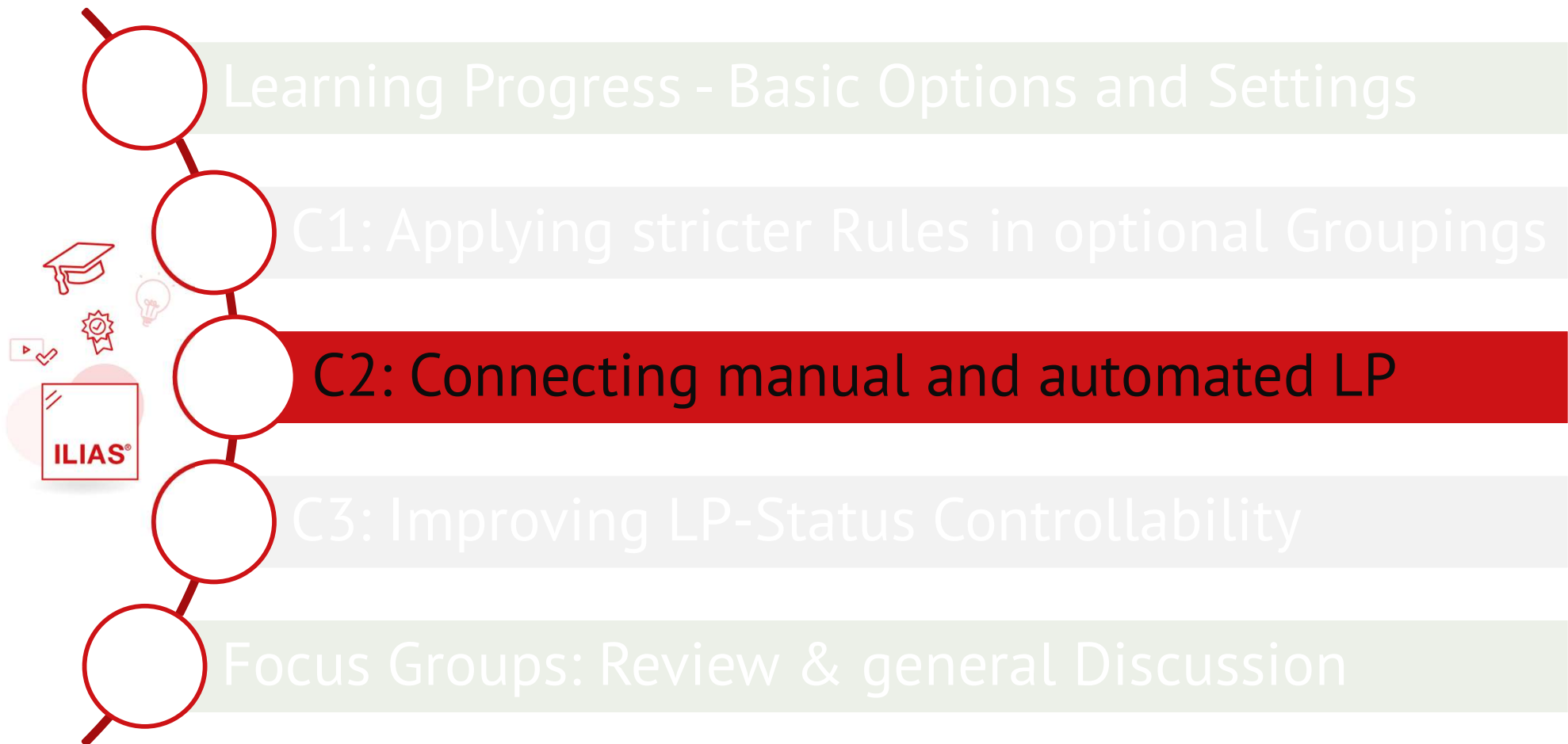
 Fastercourse_Travel for the Facts - Copy
Mode: Status is Determined by a Collection of SCORM Items
Path: Testkurs 1

 Test - Copy
Mode: Minimally Required Amount of Time Spent on Learning Module
Path: Testkurs 1

Minimum Number of Passed Materials:

- Additional higher threshold across objects.
- Increasing the combined pass requirements.

Outline



Case 2: Connecting manual and automated LP

Learning progress settings

Mode *

Learning Progress is Deactivated

The learning progress status is not displayed and does not influence parent obj

Tutors monitor and set status

Tutors decide if users have accomplished the object. Tutors manually set the ov

Status is determined by a collection of items

A user's learning progress status is determined by the learning progress status collection is 'Completed' the overall status is 'Completed' .

Items can be assigned to the collection on this screen after saving this setting.

* Required

Case 2: Connecting manual and automated LP

07_Zertifikat Englisch online
 Status: Offline

Actions ▾

Content Info Settings **Members** Learning progress Metadata Export Permissions Show Member View ▶

[Edit Participants](#) Memberships in Groups Course Members Gallery Export Data of Participants

User Course Member ▾ **Add** **Search Users** **Generate List** **Mail to Members**

Course Participants

Name Roles ▾
Apply Filter **Reset Filter** Hide Filter

(1 - 3 of 3)

Columns Rows ▾

Edit ▾ **Execute choices** **Save**

<input type="checkbox"/>	Name	Login	Roles ↑	Learning progress	Last Access	Passed	Passed Status Changed	Tutorial Support	Access Refused	Notification	Actions
<input type="checkbox"/>	Schute, Felix	schute.admin	Course Administrator	Not attempted	14. Jan 2022, 09:33	<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Edit
<input type="checkbox"/>	Plugin, Test <small>No permission granted</small>	Testplugin1103	Course Member	Completed	No date	<input checked="" type="checkbox"/>	Manual by: root Today, 10:50		<input type="checkbox"/>		Edit Download Certificate
<input type="checkbox"/>	van Loo, Sebastian <small>No permission granted</small>	Testnutzer1	Course Member	Not attempted	No date	<input type="checkbox"/>			<input type="checkbox"/>		Edit

Case 2: Connecting manual and automated LP

Content Info Settings Members **Learning Progress** Metadata Export Permissions Show Member View >

Course Participants Matrix View Summary Settings

When the learning progress changes to 'Completed', the course status 'Passed' will be set automatically. Tutors still can overwrite the status manually.

Learning Progress Settings

Mode *

- Learning Progress is Deactivated
The learning progress status is not displayed and does not influence parent objects.
- Tutors Monitor and Set Status
Tutors decide if users have accomplished the object. Tutors manually set the overall status i.e. 'Completed' or 'Failed'.
- Status is Determined by a Collection of Items
A user's learning progress status is determined by the individual learning progress statuses of a collection of items; if the :
After clicking on 'Save', you will be shown an expanded version of this tab, in which you can assign items to the collection.


* Required

Items That Determine Learning Progress

Select the items that determine the overall learning progress status.

(1 - 2 of 2)

Select for Learning Progress Determination

Item	Mt
<input type="checkbox"/>  ClickList - Copy Mode: Status is Determined by a Collection of SCORM Items Path: Testkurs 1	

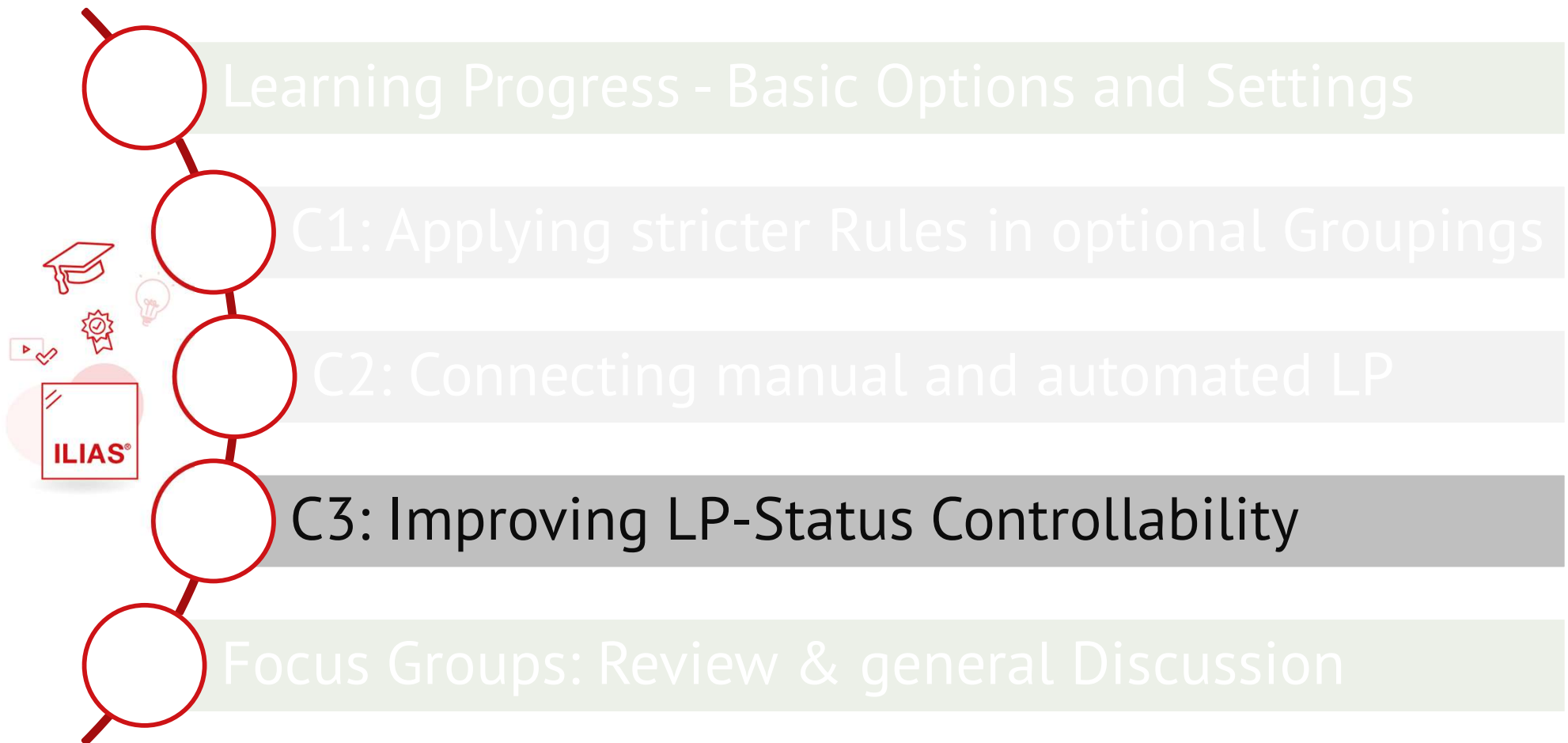
Case 2: Connecting manual and automated LP

- Two independent settings are connected, thus improving the controllability / adaptability.
- But what should happen with certificates (e.g. in courses):
 - Automatic learning progress is completed but manual status gets switched to passed as well.
 - Manual Status is on green and automatic status switches to green for the first time.
- Should certificates could be recalculated or kept stable (“freeze”)?

Case 2: Connecting manual and automated LP

- Especially a new calculation / recalculation increases the interpretation complexity.
- Need to track/logging of the learning progress becomes more important (Version history).
- Tracking/logging of the certificates is also useful.

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Case 3: Flexibilize/Stabilize the Status



Improving Controllability

- Learning Progress is often restricted to “move forward”.
- In certain use cases it is useful to reset/delete the learning progress (e.g. fulfill a yearly learning obligation in a course).
- In mandatory corporate courses it is useful to delete the learning progress (Courses containing Tests and ILIAS-/SCORM-Learning Modules)
- Enables Learners to document again, that they have recently learned.

Improving Controllability

- Deletion of Learning Progress in other objects can be difficult (e.g. Forum)
- Complete deletion of all data in an object vs. deletion of learning data on a user level
- Again: Interpretation complexity rises
- Need to track/logging of the learning progress becomes more important.

Improving Controllability

- Tracking/logging of status changes in certificates becomes more important.
- Another useful feature for the LP would be the “Freezing” of the Learning Progress to enhance the documentation reliability.

Outline



Focus Groups Review & Discussion

- What are your personal experiences with the learning progress?
- What are additional directions/cases do you identify personally?
- Which of the three cases is in your opinion the most important/relevant?

Case 1 und Case 2

- What would you do to reduce und manage the complexity?
- Do you think it is a good idea to recalculate certificates?



Thank you for your questions & comments