

#### **Porto, Portugal**

## **Tripartite Cooperation in Assigning ETDs** with DOIs - A Practical Experience of **National Taiwan Normal University Library**

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National Taiwan Normal University (NTNU) Library used to manually manage the open access authorizations of electronic theses and dissertations (ETDs). After years' implementation, NTNU Library realized that more resources are needed to maintain the authorizations in order to increase the visibility of student ETDs. Therefore, NTNU library decided to use the ETD system to record and manage the authorizations, and at the same time use Digital Object Identifier (DOI) to improve international visibilities of ETDs. NTNU Library engaged with two different vendors to cooperate and set up the DOI assignment mechanism to improve international visibility of students' ETDs. This poster aims to share a valuable lesson through tripartite cooperation, and we firmly believe other institutions can benefit from our experience to save time and effort spent on the launch of such cooperation. Key words: DOIs, ETDs, visibility, citation, cooperation, ranking

### Difficult

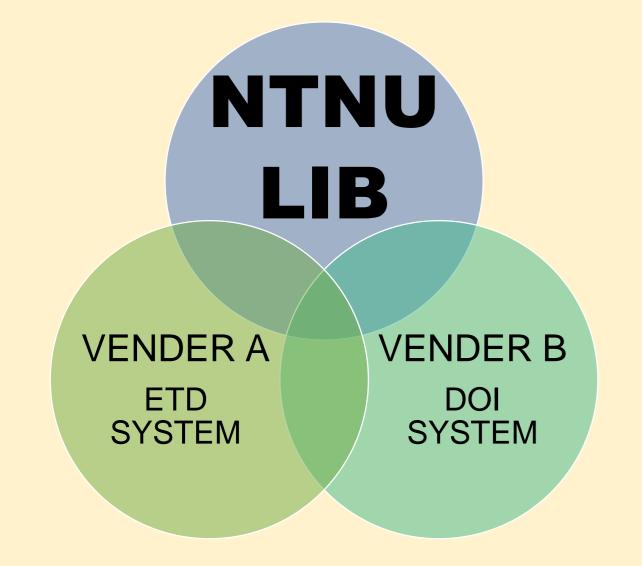
Because the automatic assignment of DOIs to ETDs involves the interoperability of systems developed by different vendors, the situation is a little complex. The DOI registration agency in Taiwan (say vendor A) is different from the developer of the ETD System of NTNU Library. (say

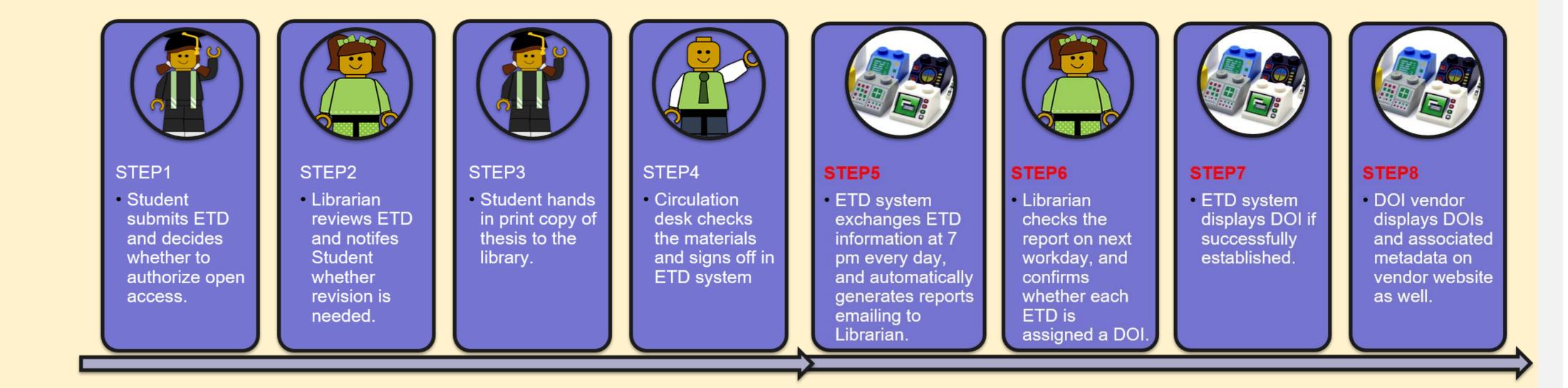
• Set up Submit Flow Chart Tripartite Kick-Off meeting

Method

Phase1 Kick-off meeting			
Date:30/11/2017	Phase 2 Trouble	eshooting	
Attendance: NTNU staff and 2 Vendors -	1/3/2018 Go live, but	Phase 3 Present	_
PM/IT/SALES * API specification	* errors (DOI not found)	* API specification 2.0	
1.0	* duplicate DOI	* 31/10/2018~present working normally	
* 30/11/2017- 15/12/2017			
test environment			

#### vendor B)





100.00%

Result

Browse Content			
Go to 1 / 1 N 4 ▷ N Go to 1 / 1			
Find National Taiwan Normal University Library Catalog. Find NDTLD Catalog. Find NBINet			
Information Chinese Abstract Abstract Table of Contents References   Fulltext Fullte			
Author (Chi) :	鄭致遠		
Author (Eng) :	Cheng, Chih-Yuan		
Thesis/Dissertation Title (Chi) :	臺北與香港民眾對公共圖書館認知與使用棋式之重要性比較分析		
Thesis/Dissertation Title (Eng) :	The Importance of Comparative Analysis of the Patterns of Pu blic Libraries User' Perception and Usage in Taipei and Hong K ong		
Advisor(Chi) :	Advisor : Chen, Chao-Chen		
Degree :	碩士		
School :	國立臺灣師範大學		
Department/Faculty :	圖書資訊學研究所		
Year Of Graduation :	106		
Year Of Publication :	2018		
Semester :	—		
Language :	中文		
Pages :	110		
Keywords (Chi) :	公共圖書館、認知成效、使用模式、比較分析、使用者		
Keywords (Eng) :	Public libraries • Perceived Outcomes • Usage Patterns • Comp arative analysis • Users		
Doi Url :	http://doi.org/10.6345/THE.NTNU.GLIS.001.2018.A01		
Ncl record status :	like: 0 ●Hits: 69 ★Score: ★★★★		

## Conclusion

• OPEN ACCESS raises • VISIBILITY raises

# **OPEN ACCESS** Authorization Percentage



■ 2018 S1 ■ 20180 S2 ■ 2019 S1

In conclusion, we have understood the importance of developing a customized technical specification for conducting a tripartite cooperation project, and of a standardized process of verifying functionality and accuracy of the established DOI links. These verification steps are crucial in ensuring that the established DOI links are indeed from authorized ETDs, and therefore protecting students' intellectual property rights. Our next step in this project includes increasing the authorization rate, as well as citations of our established DOIs to raise international visibility of NTNU.

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