Extension of KeTCindyJS to generate interactive HTML slides

Tomoya Tokairin[1]*, Setsuo Takato*[2] *and Koji Nishiura*[3]   [tokai@hakodate-ct.ac.jp]

[1] National Institute of Technology, Hakodate College, Japan
[2] Toho University, Japan
[3] National Institute of Technology, Fukushima College, Japan

In the session we are going to present an extension of KeTCindyJS [1] to generate interactive HTML slides. We are also going to show demonstrations. KeTCindyJS is an extension of CindyJS [2], and is able to generate HTML files by several functions of KeTCindy on Cinderella [3]. So far, KeTCindyJS is not able to generate HTML slides by PDF slide generating functions such as Settitle(). Thus, we have been extending KeTCindyJS for HTML slide generation. This extension makes it easy for teachers to generate HTML slides by intermediate code which is compatible with KeTCindy. Furthermore, this extension helps students learn their subjects, because they can view the generated slides as teaching materials with mobile devices anytime, anywhere.

Keywords
 teaching materials, Cinderella, Tex, JavaScript

References
 [1] http://ketpic.com/?lang=english
 [2] https://cindyjs.org
 [3] https://cinderella.de