

L4F/Sakai Portal Guideline

Prepare TOEIC Exam in the Sakai LMS

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Author: Le Ngoc Thach

MKSOL Company

Email: ThachLN@mks.com.vn

Phone: (+084) 977 548 348

Introduction

This text helps you prepare the TOEIC Exam in Sakai LMS version 12.3.

Prerequisites:

- Java 1.8 or later.
- Have account with role Instructor. Contact me (ThachLN@mks.com.vn) to support an account to experience with web site <http://elearn.myworkspace.vn/portal>

Step 1: Download sample data and tool

Download a sample data at
<http://elearn.myworkspace.vn/x/7gAnRV>.

The content of downloaded file is:

Test 1-20180918T130656Z-001.xlsx

└─media

| begin.html

|

| └─common

| 1_Intro.mp3

| 2_Listening-Test.mp3

| 3_Go-on-to-the-next-page.mp3

|

| └─part1

| 1.mp3

| 1.png

|

...

| directions.html

| directions.mp3

| directions.png

| look-at-number-1.mp3

|

...

| metadata.json

| number-1.mp3

|

...

Step 1.1: Sample data

This is a sample data of TOEIC Exam. This sample includes the **questions** (file .xlsx), **media** (audio, images, html, etc...) and **metadata.json** files of 7 parts.

These are raw data are which to be prepare to process before uploading to server (Sakai).

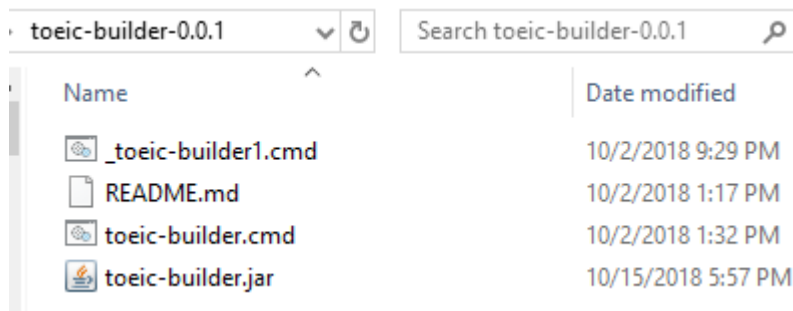


Basing on these raw data, you can replace the audio files, image files and content of the Excel file for your TOEIC Data.

Step 1.2: Download tool

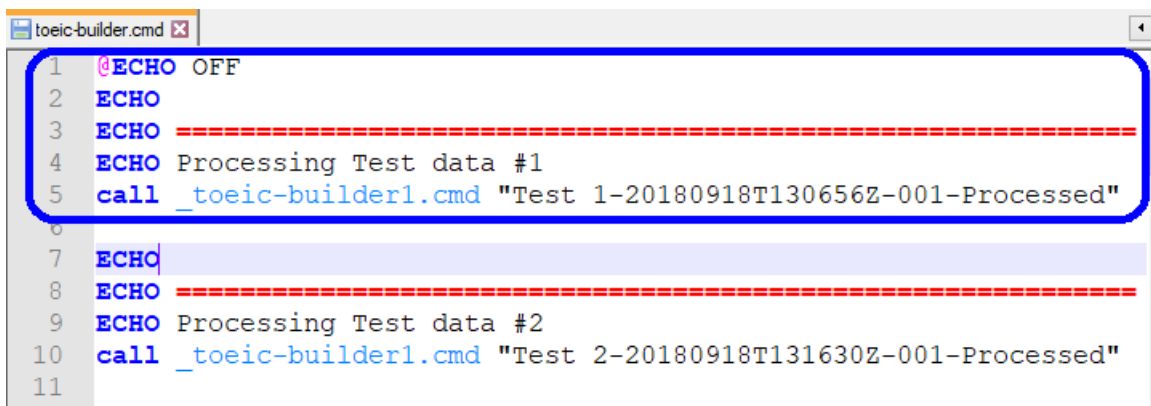
Download tool TOEICBuilder at <http://elearn.myworkspace.vn/x/0sRuF8>.

The content of downloaded file is:



Name	Date modified
_toeic-builder1.cmd	10/2/2018 9:29 PM
README.md	10/2/2018 1:17 PM
toeic-builder.cmd	10/2/2018 1:32 PM
toeic-builder.jar	10/15/2018 5:57 PM

Script “toeic-builder.cmd” contains sample commands to process the sample data to make the TOEIC Exam data package. You can remove all lines except lines 1 ~ 5 to process the above sample data.

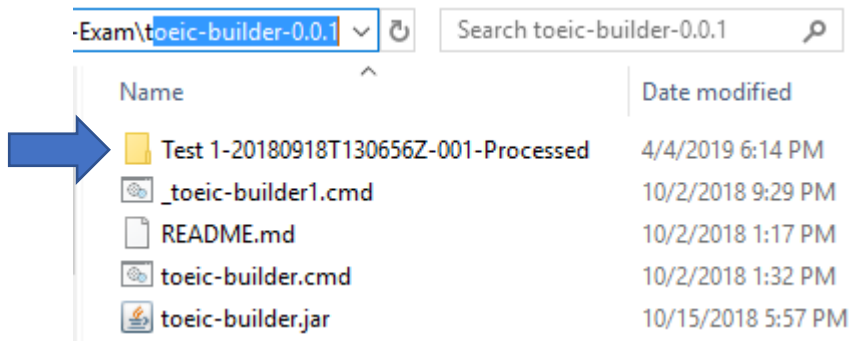


```
1 @ECHO OFF
2 ECHO
3 ECHO =====
4 ECHO Processing Test data #1
5 call _toeic-builder1.cmd "Test 1-20180918T130656Z-001-Processed"
6
7 ECHO
8 ECHO =====
9 ECHO Processing Test data #2
10 call _toeic-builder1.cmd "Test 2-20180918T131630Z-001-Processed"
11
```

Step 1.3: Copy data into the tool

Extract and copy the folder data from Step 1.1 into the folder of the tool

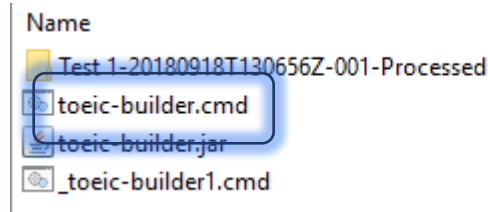
The content of downloaded file is:



Step2: Run the TOEICBuilder

To run the TOEICBuilder, you must install the Java 8 or later.

Execute command “toeic-builder.cmd”:



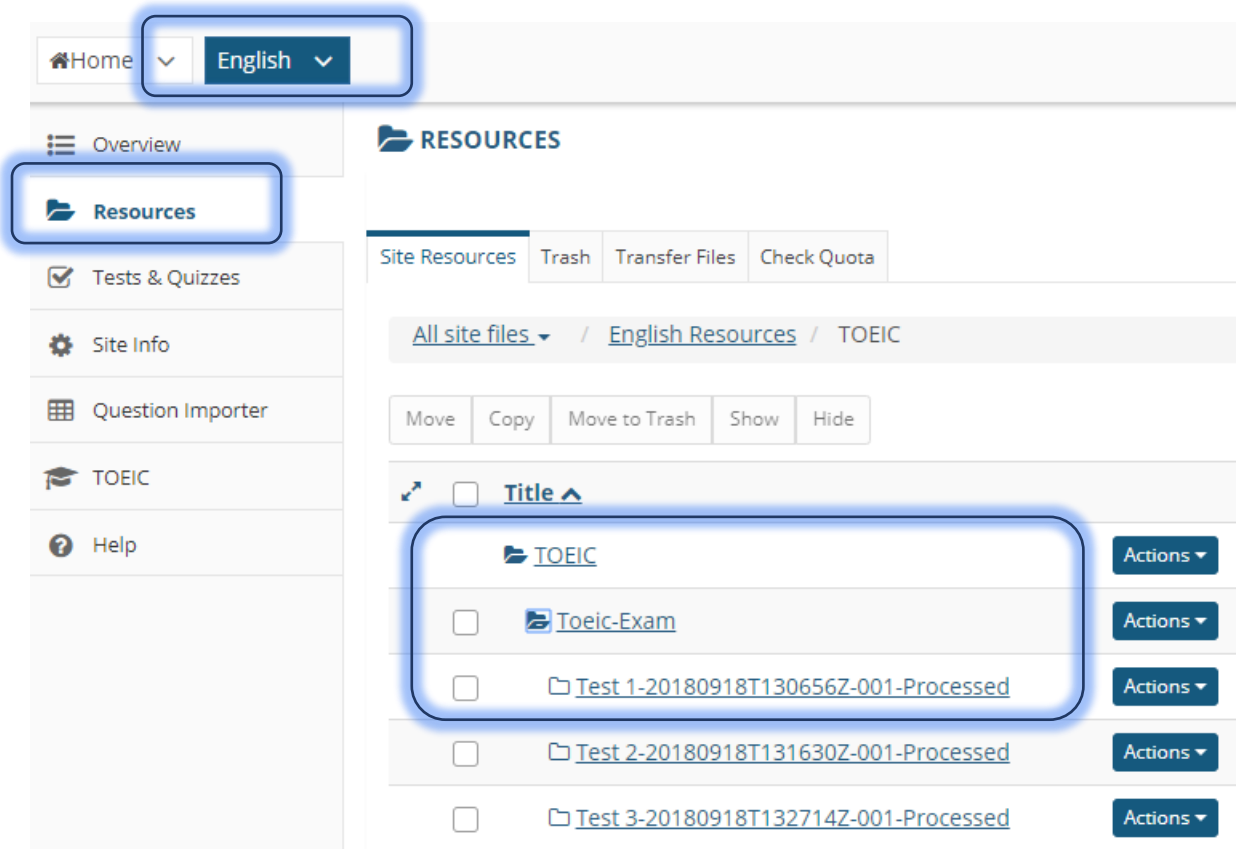
```
C:\WINDOWS\system32\cmd.exe
==
Processing Test data #1
Param: "Test 1-20180918T130656Z-001-Processed"
Processing input folder: "D:\Downloads\TOEICBuilder-Test1\
Test 1-20180918T130656Z-001-Processed"
Input Sakai Resource URL contains sub folder 'media':
```

This tool will process data in folder “Test 1-20180918T130656Z-001-Processed” by lookup and replay the ROOT URL of media. It requests you to input the Sakai Resource URL where contains the folder “media” of the TOEIC Exam.

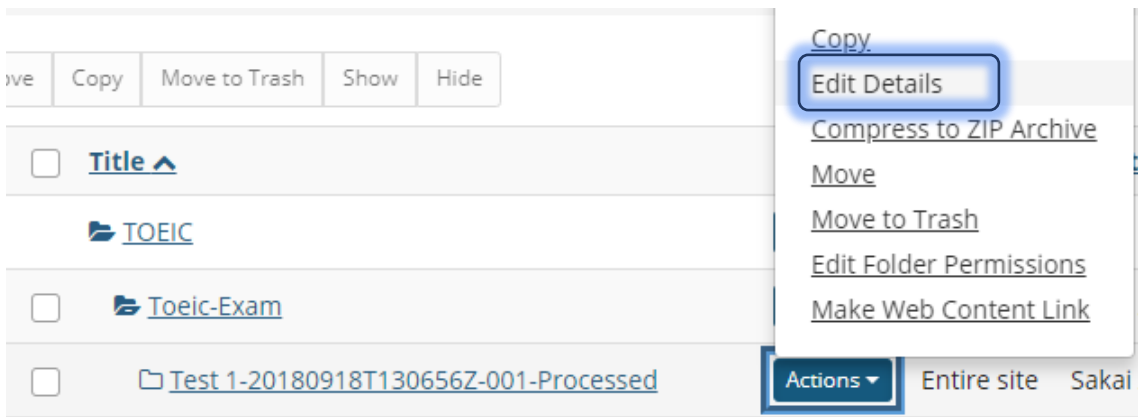
To get the URL of media, please login the site of Sakai to create a folder in Resources. For example, I creates a folder structure as below:

Step 3:

Create folder for TOEIC media



Now, you get the URL of the folder by click on the right menu “Actions”, select item “Edit Details”.



Step 4: Get URL of the folder

From screen “Edit Details”, scroll to section “Folder Details”, copy the Web address (URL)

Folder Details

Created by	Sakai Administrator
Created	Sep 26, 2018 1:19 pm
Last changed by	Sakai Administrator
Last changed	Sep 26, 2018 1:19 pm
Web address (URL)	http://localhost:8080/access/content/group/0b684f71-10a3-453d-9133-5cb401afe92e/TOEIC/Toeic-Exam/Test%201-20180918T130656Z-001-Processed/ <input type="button" value="Copy URL to clipboard"/> <input type="button" value="Open"/> <input type="checkbox"/> Short URL

Don't select Short URL.

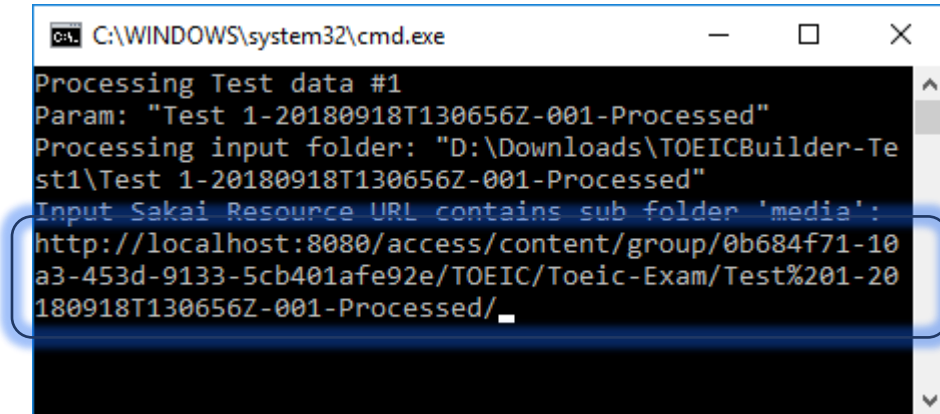
Select URL. The press Ctrl + C to copy.

For demo, I created site
<http://elearn.myworkspace.vn/portal/site/test-english> , you
can browse the menu Resources > Toeic-Exam >
Test 1-20180918T130656Z-001-Processed

Step 5:

Run toeic-build continuously

Now, you go back the console of “toeic-builder.cmd”, paste the URL for request “Input Sakai Resource URL contains sub folder 'media'”



```
C:\WINDOWS\system32\cmd.exe
Processing Test data #1
Param: "Test 1-20180918T130656Z-001-Processed"
Processing input folder: "D:\Downloads\TOEICBuilder-Test1\Test 1-20180918T130656Z-001-Processed"
Input Sakai Resource URL contains sub folder 'media':
http://localhost:8080/access/content/group/0b684f71-10a3-453d-9133-5cb401afe92e/TOEIC/Toeic-Exam/Test%201-20180918T130656Z-001-Processed/
```

Press Enter to continue.

If no error, the generated output folder will be created within folder “Test 1-20180918T130656Z-001-Processed”. It contains the Excel file of Question bank and folder of media (audio, images, etc.)

- └─Test 1-20180918T130656Z-001.xlsx

- └─media

 - └─common

 - └─part1

 - └─part2

 - └─part3

 - └─part4

 - └─part5

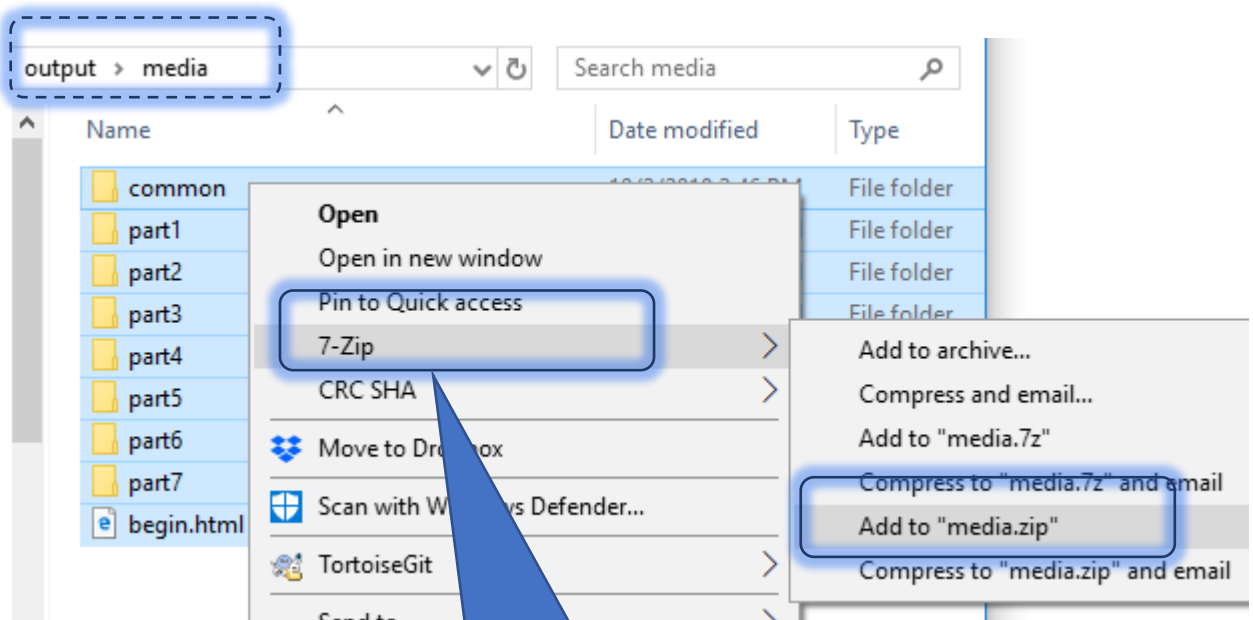
 - └─part6

 - └─part7

Step 6:

Create media.zip to upload

Compress the content of folder “output\media”:



Using 7-Zip to compress
content of folder “media”

Now, you had a package “media.zip” which contains all media of the TOEIC Exam.

Next step, you upload it into the Sakai folder of URL in **Step 3**:

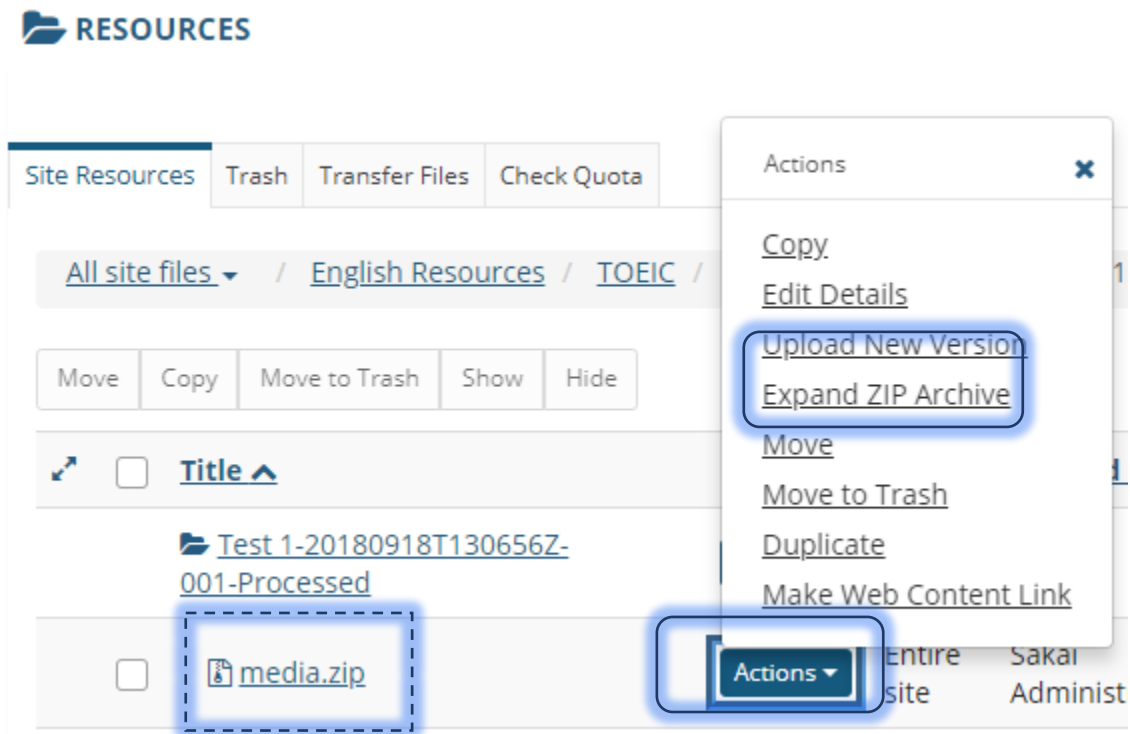
Step 7: Upload media.zip

The screenshot displays a web-based file management system. At the top, a breadcrumb navigation path is highlighted with a dashed blue box: [All site files](#) / [English Resources](#) / [TOEIC](#) / [Toeic-Exam](#) / [Test 1-20180918T130656Z-001-Processed](#). Below this, a table lists files, with the file [Test 1-20180918T130656Z-001-Processed](#) highlighted by a dashed blue box. To the right of this file, an **Actions** dropdown menu is open, also highlighted with a dashed blue box, showing options: [Add](#), [Upload Files](#), [Create Folders](#), [Add Web Links \(URLs\)](#), and [Create Text Document](#). The [Upload Files](#) option is highlighted with a dashed blue box. In the bottom left, a file explorer shows a directory structure with **media.zip** selected. A blue arrow points from **media.zip** to the **Upload Files** interface. The **Upload Files** screen shows the location: [/ English / TOEIC / Toeic-Exam / Test 1-20180918T130656Z-001-Processed](#). It features a dashed box containing a folder icon and the text "Drop files to upload, or click here to browse." Below the folder icon is a **+ Copy** button. A blue arrow points from the **media.zip** file in the explorer to the drop area.

Drag the media.zip into the screen "Upload Files". Then press button "Continue" to upload file.

Step 8: Extract the media.zip

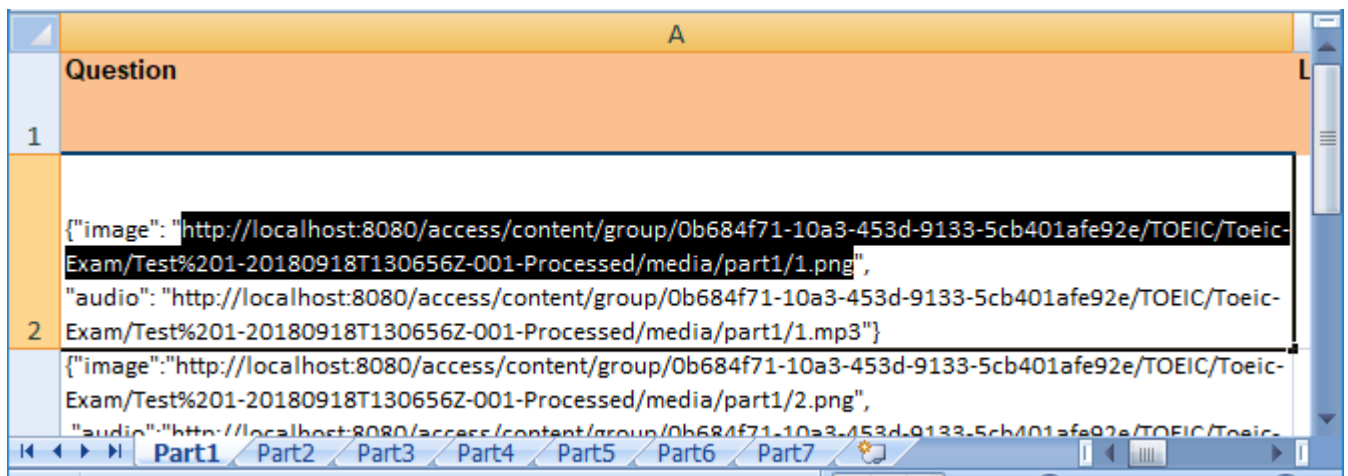
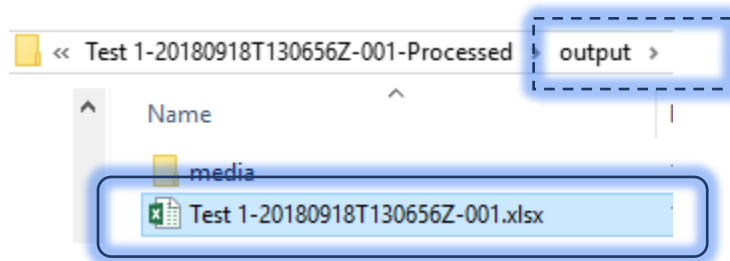
Select menu “Actions”, choose “Expand ZIP Archive”.



Now, you had folder “media” within the folder “Test 1-20180918T130656Z-001-Processed”, you can delete the file “media.zip”.

Step 9: Verify the URL of the media

Open the generated file by tool toeic-builder.cmd.



Copy a URL in Question Bank to open by browser which you have logged into the Sakai. Make sure the media is displayed or downloaded.