

Last known editor: Thilina Mendis 09/20/2023

Last known location:

server: mallard.auburn.edu

path: /export/vol2/httpd/htdocs/academic/provost/online/GlossaryTemplate


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Tutorial using ECON 2030 as an example:













Step1: Set up the spreadsheet.


The spreadsheet needs to be a google doc spreadsheet with three columns: Term, Definition, Tier. The terms need to be in alphabetical and the tier needs to be set to 1.

← → ↻ docs.google.com/spreadsheets/d/1kxPEvxmQI-tmEDSy2rjXxoR7QSBjVB1swRbNr5nadl4/edit#gid=0

 ECON 2030 Glossary Interactive ☆ ⌵ ⌵

File Edit View Insert Format Data Tools Extensions Help Last edit was 5 minutes ago

    100% ▾ \$ % .0 .00 123 ▾ Arial ▾ 10 ▾ B I  A    ▾  ▾  ▾  ▾  ▾

A1 ▾  Term (needs to be in alphabetical order and start with a capital letter)

	A	B	C	D
1	Term (needs to be in alphabetical order and start with a capital letter)	Definition	Tier	Image URL (needs to go directly to the image)
2	Advance in technology	Advance in technology	1	
3	Aggregate-demand curve	Aggregate-demand curve	1	
4	Aggregate-supply curve	Aggregate-supply curve	1	
5	Asset	An asset is any	1	
6	Assumptions	Economic assumptions	1	
7	Automatic stabilizers	Automatic stabilizers	1	
8	Bank capital	Bank capital is	1	
9	Banks	Banks are the	1	
10	Bartering economies	Bartering economies	1	
11	Bond	Bond is a certificate	1	
12	Budget deficit	Budget deficit is	1	
13	Budget surplus	Budget surplus	1	
14	Business capital	Business Capital	1	
15	Business cycle	Business cycle	1	
16	Capital goods	Capital goods are	1	
17	Capital requirement	Capital requirement	1	
18	Catch-up effect	Catch-up effect	1	
19	Central bank	A central bank	1	
20	Ceteris paribus	Ceteris paribus	1	
21	Classical dichotomy	Classical dichotomy	1	
22	Collective bargaining	Collective bargaining	1	
23	Commodity money	Commodity money	1	
24	Competitive market	In a competitive	1	
25	Complements	Complements are	1	
26	Constant returns to scale	Constant returns	1	
27	Consumer Price Index (CPI)	Consumer Price	1	

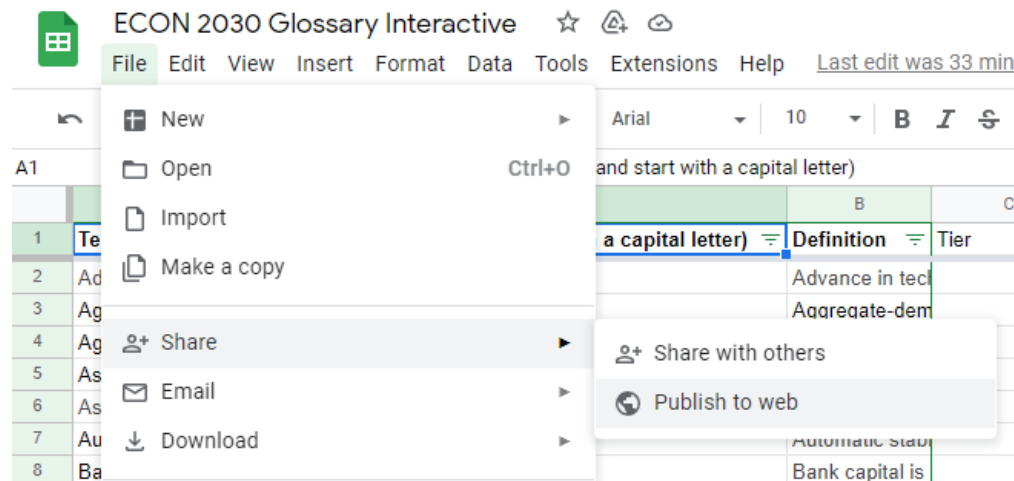
Note: Tier does not appear to do anything but if there is a not a value for tier then the application does not work.

You can use without the Tier and URL – Temp2

Another Note: There is code for displaying images, but I have not tested it. (Joshua Webb 2022)

Step2: Publicly host the spreadsheet

The spreadsheet now needs to be made into a public csv file. First go to file->share->Publish to web.



Then make sure to select the spreadsheet page, which in this example is ECON 2030 Terms (NOT the entire document), select .csv, then make sure the box is checked to automatically republish and finally click publish.

Publish to the web

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Link

Embed

ECON 2030 Terms

Comma-separated values (.csv)

https://docs.google.com/spreadsheets/d/e/2PACX-1vQkGXR5nVEmd0JGurR!

Or share this link using:   

Note: Viewers may be able to access the underlying data for published charts. [Learn more](#)

Published

Published content & settings

ECON 2030 Terms

Stop publishing

☒ Automatically republish when changes are made

Step3: Download and edit the glossary template

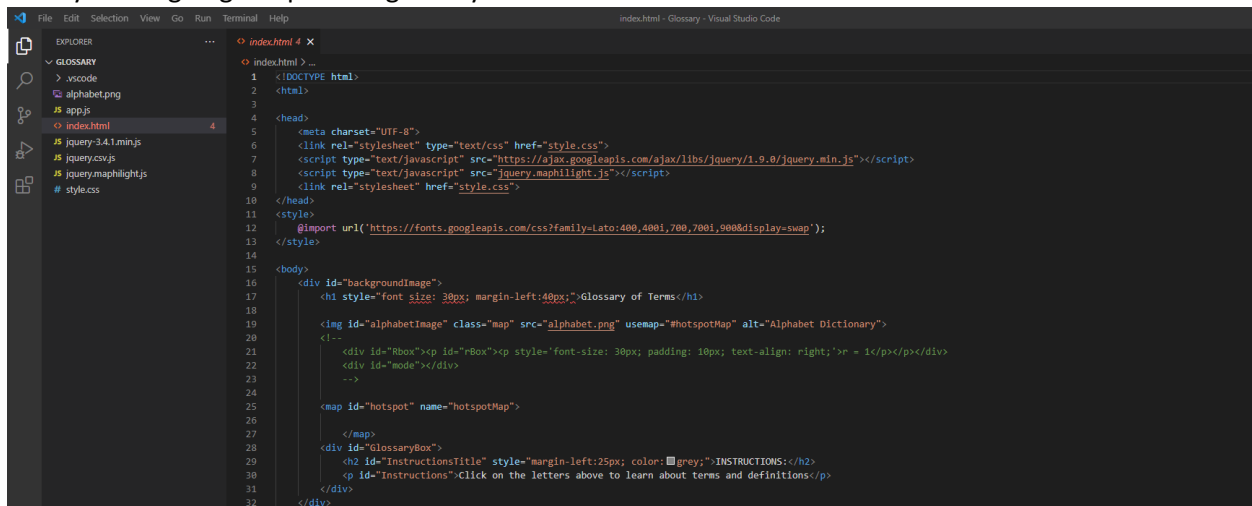
/export/vol2/httpd/htdocs/academic/provost/online/GlossaryTemplate

To download the glossary, you will first need permission to access the mallard.auburn.edu server. Once you have access to the server navigate to the following path:

/export/vol2/httpd/htdocs/academic/provost/online/GlossaryTemplate. Now download a copy of the glossary located in this folder to your computer.

/export/vol2/httpd/htdocs/academic/provost/online/GlossaryTemplate/				
Name	Size	Changed	Rights	Owner
..		4/7/2022 12:07:52 PM	rw-rw-r--x	380860
Glossary		4/7/2022 12:07:54 PM	rwsrwsrwt	jww0063

Now you are going to need a code editing software of some kind, I prefer to use visual studio code as it works on all operating systems. Once you have downloaded the glossary folder along with visual studio code you are going to open the glossary folder inside of VSCode.



```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <meta charset="UTF-8">
6   <link rel="stylesheet" type="text/css" href="style.css">
7   <script type="text/javascript" src="https://ajax.googleapis.com/ajax/libs/jquery/1.9.0/jquery.min.js"></script>
8   <script type="text/javascript" src="jquery.maphilight.js"></script>
9   <link rel="stylesheet" href="style.css">
10 </head>
11 <body>
12   <div id="backgroundImage">
13     <h1 style="font-size: 30px; margin-left: 40px;">Glossary of Terms</h1>
14   </div>
15   
16   <!--
17     <div id="RBox"><p id="RBox"><p style="font-size: 30px; padding: 10px; text-align: right;">n = 1</p></div>
18     <div id="mode"></div>
19   -->
20   <map id="hotspot" name="hotspotMap">
21     </map>
22   <div id="GlossaryBox">
23     <h2 id="InstructionsTitle" style="margin-left: 25px; color: grey;">INSTRUCTIONS</h2>
24     <p id="Instructions">Click on the letters above to learn about terms and definitions</p>
25   </div>
26 </body>
27 </html>
```

With the folder open go to the index.html file as seen in the picture. Lastly copy the link to the published csv from earlier and paste it over the previous link on line 64.

Publish to the web



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Make your content visible to anyone by publishing it to the web. You can link to or embed your document. [Learn more](#)




Link

Embed

ECON 2030 Terms ▾

Comma-separated values (.csv) ▾

<https://docs.google.com/spreadsheets/d/e/2PACX-1vQkGXR5nVEmd0JGurR/>

Or share this link using:   

Note: Viewers may be able to access the underlying data for published charts. [Learn more](#)

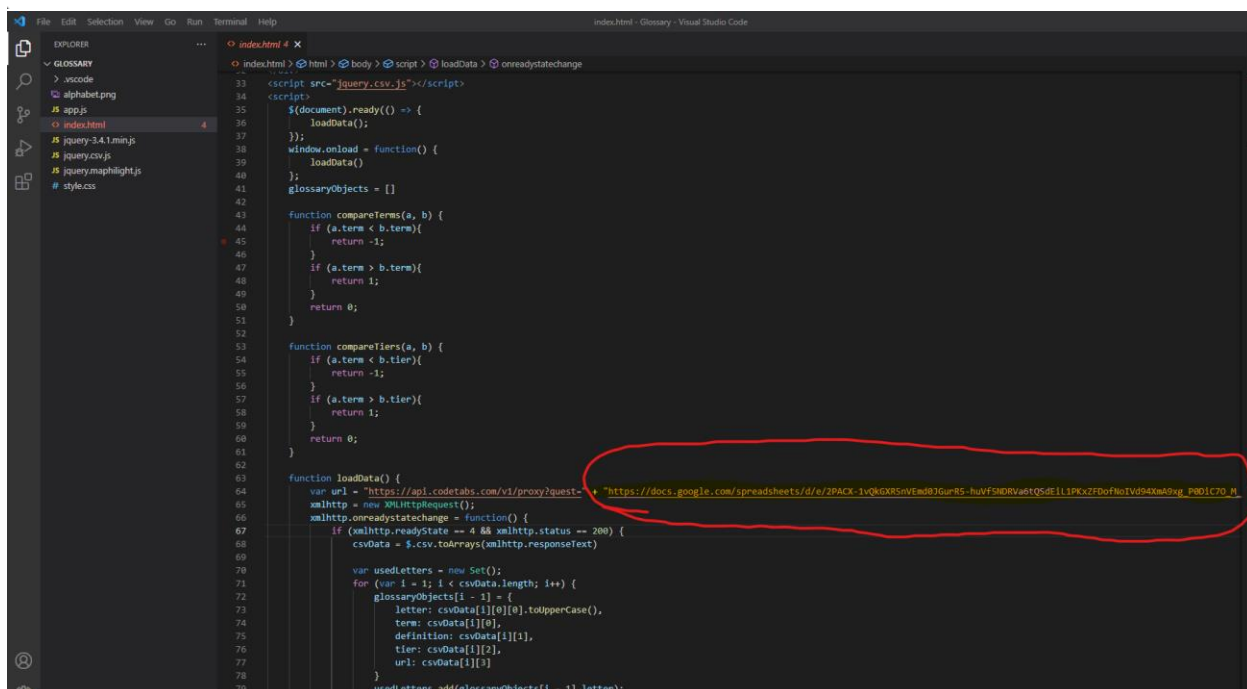
Published

Published content & settings

ECON 2030 Terms ▾

Stop publishing

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```
index.html - Glossary - Visual Studio Code
33 <script src="jquery.csv.js"></script>
34 <script>
35   $(document).ready(() => {
36     loadData();
37   });
38   window.onload = function() {
39     loadData()
40   };
41   glossaryObjects = []
42
43   function compareTerms(a, b) {
44     if (a.term < b.term){
45       return -1;
46     }
47     if (a.term > b.term){
48       return 1;
49     }
50     return 0;
51   }
52
53   function compareTiers(a, b) {
54     if (a.term < b.tier){
55       return -1;
56     }
57     if (a.term > b.tier){
58       return 1;
59     }
60     return 0;
61   }
62
63   function loadData() {
64     var url = "https://api.codetabs.com/v1/proxy?quest=" + "https://docs.google.com/spreadsheets/d/e/2PACX-1vQkGXR5nVEmd0JGurR-5uVf50Rvab0Q5dE1l1PKx27DofluTV044xmd0vg_PbD1C70_M_";
65     xmlhttp = new XMLHttpRequest();
66     xmlhttp.onreadystatechange = function() {
67       if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {
68         csvData = $.csv.toArrays(xmlhttp.responseText)
69
70         var usedLetters = new Set();
71         for (var i = 1; i < csvData.length; i++) {
72           glossaryObjects[i - 1] = {
73             letter: csvData[i][0][0].toUpperCase(),
74             term: csvData[i][0],
75             definition: csvData[i][1],
76             tier: csvData[i][2],
77             url: csvData[i][3]
78           }
79           usedLetters.add(glossaryObjects[i - 1].letter);
80         }
81       }
82     }
83   }
84 }
```

Now save the edited glossary.

Step4: Upload the glossary and iframe into the desired course.

For our last step you are going to start by moving the newly edited glossary back to the mallard.auburn.edu server except now we want to move it to a class specific folder. In our example here we will move the glossary into the ECON 2030 folder at the following path:

/export/vol2/httpd/htdocs/academic/provost/online/ECON2030/

/export/vol2/httpd/htdocs/academic/provost/online/ECON2030/				
Name	Size	Changed	Rights	Owner
..		4/7/2022 12:07:52 PM	rw-rw-r--x	380860
CNN-calculator		7/27/2021 11:24:11 AM	rw-rw-rw-r	cal0064
Glossary		1/6/2022 10:39:55 AM	rw-rw-rw-r	jww0063
carnivalstock.html	2 KB	10/11/2021 3:35:42 PM	rw-rw-rw-r	cal0064
unemploymentinsura...	3 KB	10/11/2021 3:17:03 PM	rw-rw-rw-r	cal0064

Now that the glossary is being hosted on the server with the proper set of terms we can create an iframe in our canvas course. For the iframe source we need to link to the index.html file of our glossary.

So our properly constructed iframe will look like:

```
<iframe style="overflow: hidden;"  
src="https://auburn.edu/academic/provost/online/ECON2030/Glossary/index.html" width="100%"  
height="3200"></iframe>
```

Note: When linking to things on the mallard server we replace the /export/vol2/httpd/htdocs with <https://auburn.edu> when creating a link instead.

Example of finished product

Key Terms and Concepts

Use the interactive glossary below ☒ to review the key terms and concepts that will be used throughout this course.

Glossary of Terms



INSTRUCTIONS:

Click on the letters above to learn about terms and definitions

```
<ul id="flash_message_holder"></ul>
<div id="flash_screenreader_holder" role="alert" aria-live="assertive"
aria-relevant="additions" class="screenreader-only" aria-atomic="false">
</div>
▼<div id="application" class="ic-app">
  ▶<header id="mobile-header" class="no-print"></header>
  <nav id="mobileContextNavController"></nav>
  ▶<header id="header" class="ic-app-header no-print"></header> fix
  <div id="instructure_ajax_error_box"></div>
  ▼<div id="wrapper" class="ic-layout-wrapper"> fix
    ▶<div class="ic-app-nav-toggle-and-crumbs no-print"></div> fix
    ▼<div id="main" class="ic-layout-columns">
      <div class="ic-layout-watermark"></div>
      ▶<div id="left-side" class="ic-app-course-menu ic-sticky-on list-vie
w" style="display: block"></div>
      ▼<div id="not_right_side" class="ic-app-main-content"> fix
        <div id="content-wrapper" class="ic-layout-content-wrapper">
          ▼<div id="content" class="ic-layout-contentMain" role="main">
            ▼<div id="wiki_page_show">
              ▶<div class="header-bar-outer-container"></div>
              <div id="direct-share-mount-point"></div>
              ▼<div class="show-content user_content clearfix enhanced kl_w
rapper_parent">
                ::before
                <h1 class="page-title screenreader-only">Key Terms and
Concepts</h1>
              ▼<div id="kl_wrapper_3" class="aonline_default kl_wrapper">
                <div id="kl_banner"></div>
                ▼<div id="kl_custom_block_8">
                  ...
                  ▼<iframe style="overflow: hidden;" src="https://auburnn
.edu/academic/provost/online/ECON2030/Glossary/index.ht
ml" width="100%" height="3200"> == $0
                  ▼#document
                    <!DOCTYPE html>
                    ▼<html>
                      ▶<head></head>
                      ▼<body style="zoom: 1;">
                        ▶<div id="backgroundImage"></div>
                        <script src="jQuery.csv.js"></script>
                        ▶<script></script>
                      </body>
                    </html>
                  </iframe>
                </div>
                ▶<div id="kl_custom_block_8"></div>
              </div>
              <p>&nbsp;</p>
              ::after
            </div>
            <div>
              ▶<div id="module_navigation_target"></div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```