ISML Site Documentation

1. Making and hosting a website repository:

The host of the website must first make a Github account.

1.1 Steps to making a website repository and publishing it:

- In your Github account, click on Repositories -> New.
- Make a new repository according to this very specific format: "*accountName*.github.io", with *accountName* being the name of your Github account.
- Once the repository is created, the website's files (html, css, etc) can be created/copied to it. A specific html file called "index.html" must exist, it will be marked by Github as the main webpage.
- Once all html files are in place, the site can be published. Set a repo public through: Settings -> General -> Danger Zone: Change visibility (Change repository visibility) -> Public.

2. Accessing soure code for updates and maintenance:

The host automatically has access to website's files for maintenance. For others to get edit access, they must be added as collaborators. A collaborator must have a Github account.

2.1 Instructions for the host to add collaborators:

- Log into your Github account.
- Go to the repository that contains the site's html files.
- Add people through: Settings -> Collaborators -> Add people.
- The repository might need to be set to public for collaborators to see it and edit it. Check the instructions above to set repo visibility to public.

2.2 Instructions for collaborators to access and edit site files:

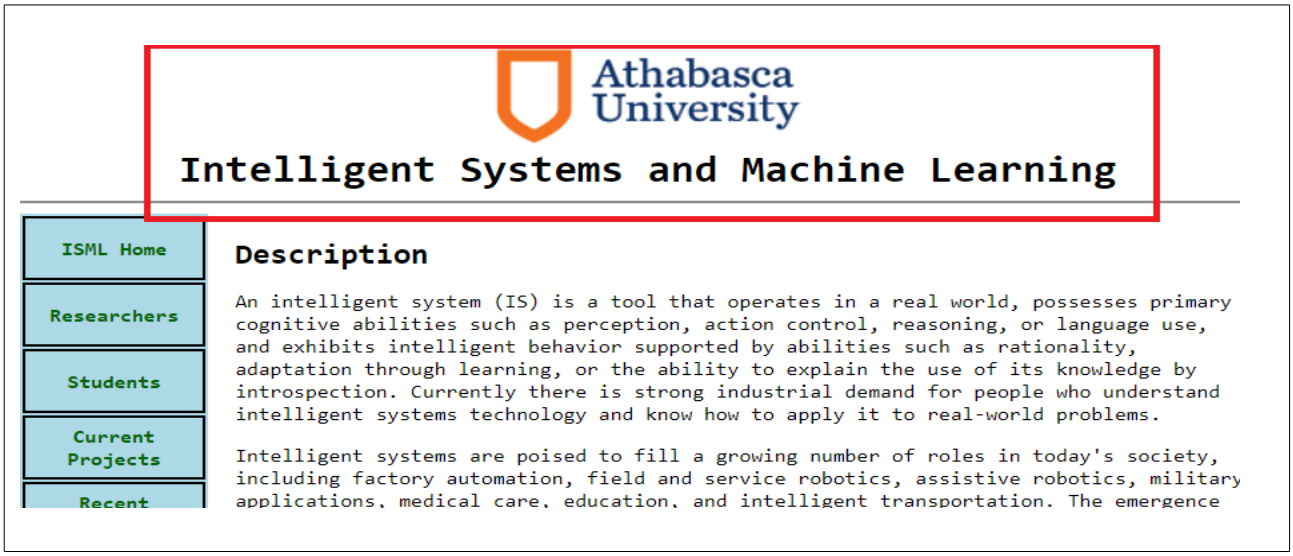
- You must have a Github account and be added as collaborator first.
- As a collaborator, navigate to the host's Github account page. It would have the format: "https://github.com/*hostAccountName*", *hostAccountName* would be the host's Github name.
- Withint the host's Github page, click to open the repository with the site's files, where you have been added as collaborator. The repository name would have this format: "*hostAccountName* .github.io".
- Within the repo, you can then click on a file, such as "index.html" to see the source code.
- Method 1 of editing a page: you could edit directly in the browser, click the edit symbol, which looks like a pen. After editing, you can click commit changes to finalize the edit. You can also click cancel.
- Method 2 of editing a page: you can create an offline html page and replace the online one with the newly created html. First, make an html file on your computer. Copy and paste the code into the offline html file. Once your html file is edited, rename the offline html file to match the online one, then upload the offline one to replace the online one.
- Changes to the codes take time to show up on the webpage, around 5-10 minutes.
- To view the website and associated changes, type in the website address (this is not the Github repo). The website address is set by the site's host. The site's address has a very specific format: "https://*hostAccountName* .github.io/". The current site's address is: "https://emplhoward.github.io/".

3. Updating Common Elements in all Pages:

Each page has some common elements, such as the header, side bar, and footer. Here are instructions to edit them on each page. They are not all updated together, because in the future some pages may require different logos and different options in the side bar. Updates to these elements should be carried out on all pages separately.

3.1 Updating the header:

- Example of header visual:



- Within the page's html file, use control + F to find .

```
<div class="header">
  <h1>
    <img src= "Img/AU_Logo_Horiz.jpg" class="img_Standalone_Small">
    Intelligent Systems and Machine Learning
  </h1>
</div>
```

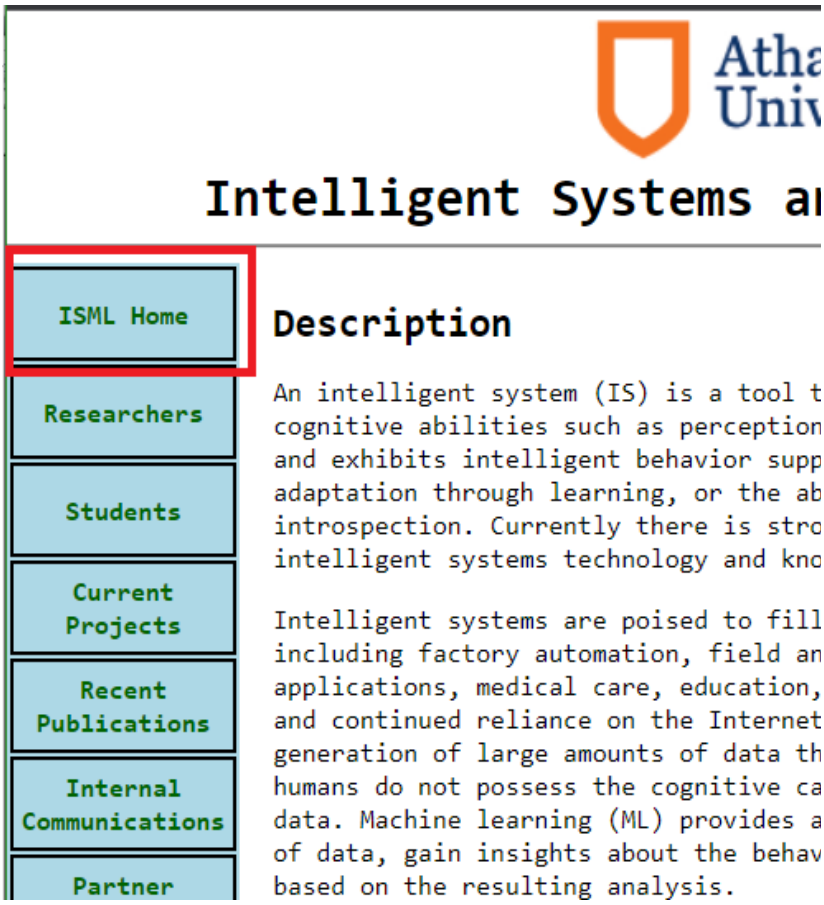
- Change "Img/AU_Logo_Horiz.jpg" if you want to specify a new image file.
- Change the white title "Intelligent Systems and Machine Learning" if needed.

3.2 Updating the side bar:

- Within the page's html file, use control + F to find .

```
<div class="sideBar">
  <div class="sideBarBackground">
    <table class="tableDiv_100">
      <tr>
        <th>
          <a href="index.html"> <div class="a_Background"> ISML Home </div> </a>
        </th>
      </tr>
      <tr>
        <th>
          <a href="IMSL_Researchers.html"> <div class="a_Background"> Researchers </div>  </a>
        </th>
      </tr>
```

- <table class="tableDiv_100"> represents the side bar, implemented as a table.
- Each row of the table is represented by the block contained within <tr> ... </tr>. To erase a row, delete everything in the block <tr> ... </tr>, includring <tr> </tr>. To add a row, use the same format and type in the block <tr> ... </tr>.
- Example of row content: <a href="**index.html**"> represents the link of a side bar row, **ISML Home** is the text in the row. Example of side bar and specified row:



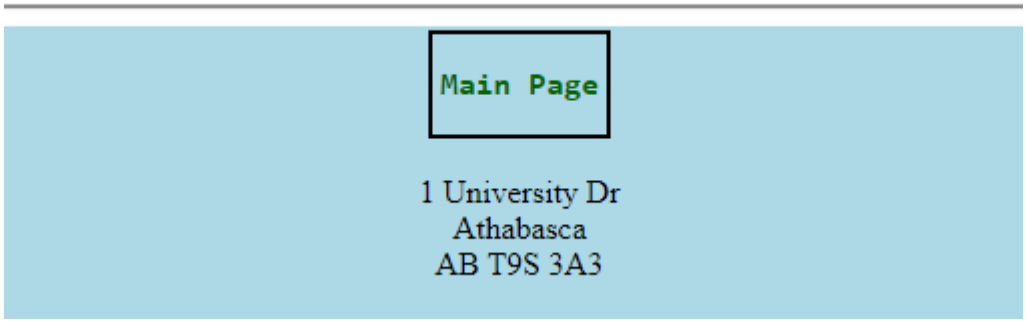
3.3 Updating the footer:

- Within the page's html file, use control + F to find .

```
<!-- Footer: -->
<div class="footer">
  <div class="tableDiv_10">
    <table>
      <tr>
        <th>
          <a href="index.html"> <div class="a_Background"> Main Page </div> </a>
        </th>
      </tr>
    </table>
  </div>

  <p>
    1 University Dr <br>
    Athabasca <br>
    AB T9S 3A3 <br>
  </p>
</div> <!-- End Footer: -->
```

- <table class="tableDiv_10"> represents the footer button, implemented as a table row.
- Example of footer content: <a href="**index.html**"> represents the link of the footer button **Main Page** is the text in the row. Footer visual:

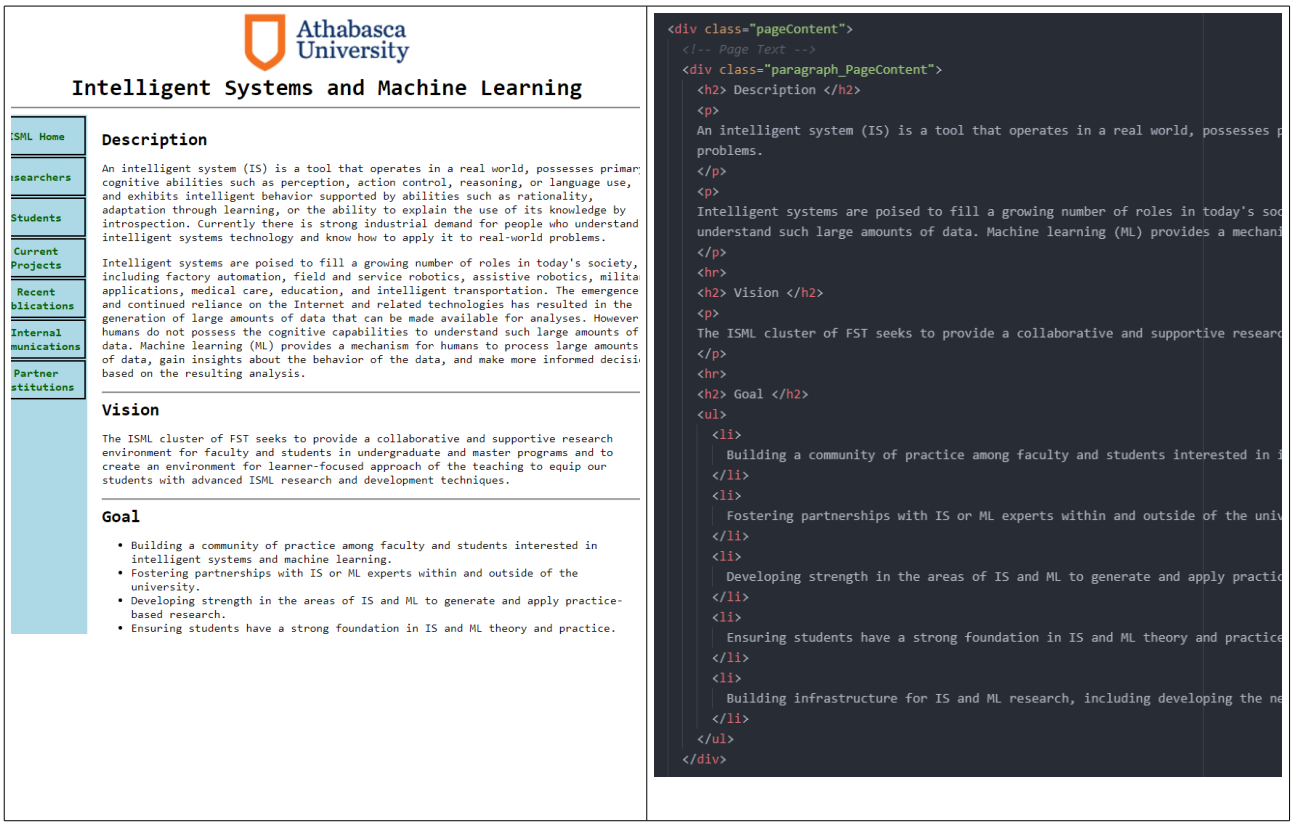


4. Updating Contents for ISML Home Page:

The ISML home page is described with the file "index.html". There is the body text and a video.

4.1 Updating the body text:

- Use control + F to find .
- Under various heading block contained in <h2> ... </h2> elements, you can make the changes to the text. You can type out the text in a text editor, then copy and paste them inside each ... element.



4.2 Updating the embedded video:

- Use control + F to find <video width="320" height="240" controls>.
- The block representing the video is highlighted below. If the video is to be removed, take out the block, but be careful not to remove any other .

- The element <source src="Video/RobotSampleVid.mp4" type="video/mp4"> references the file path of the video and type of video. The file path and type can be changed accordingly. Make sure the video is in the repository, under the Video folder.

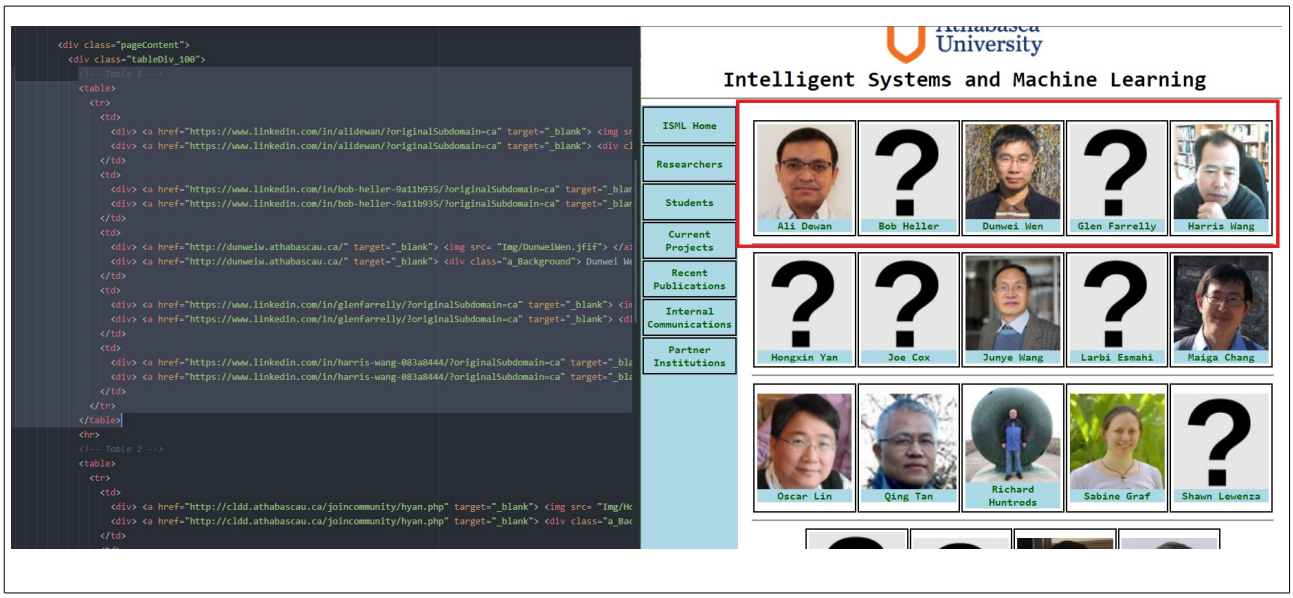
5. Updating Contents for Researchers:

The page for researchers is described with "IMSL_Researchers.html".

The visual table containing researcher photos and links are implemented with multiple <table> elements. This allows each row to be resized properly.

5.1 Updating the researcher table:

- Use control + F to find . This contains all the <table> elements making up the visual table.
- Example of the table can be seen below:



- To delete a whole table row, simply delete a block under the <!-- Table x --> comment and nested inside the <table> ... </table> element; delete the tag <table> and </table> as well. The <hr> tag should also be deleted when a table is taken out, otherwise there would be duplicate break lines.
- To add a table, use the <table> element and use a similar format and structure.
- Each researcher photo and link is nested within a <td> element. To change a researcher photo, look for "<img src=..."; also change the link in "<a href=..." preceding the image reference. To change a researcher name, look for " Researcher Name "; also change the link in "<a href=..." preceding the researcher's name.

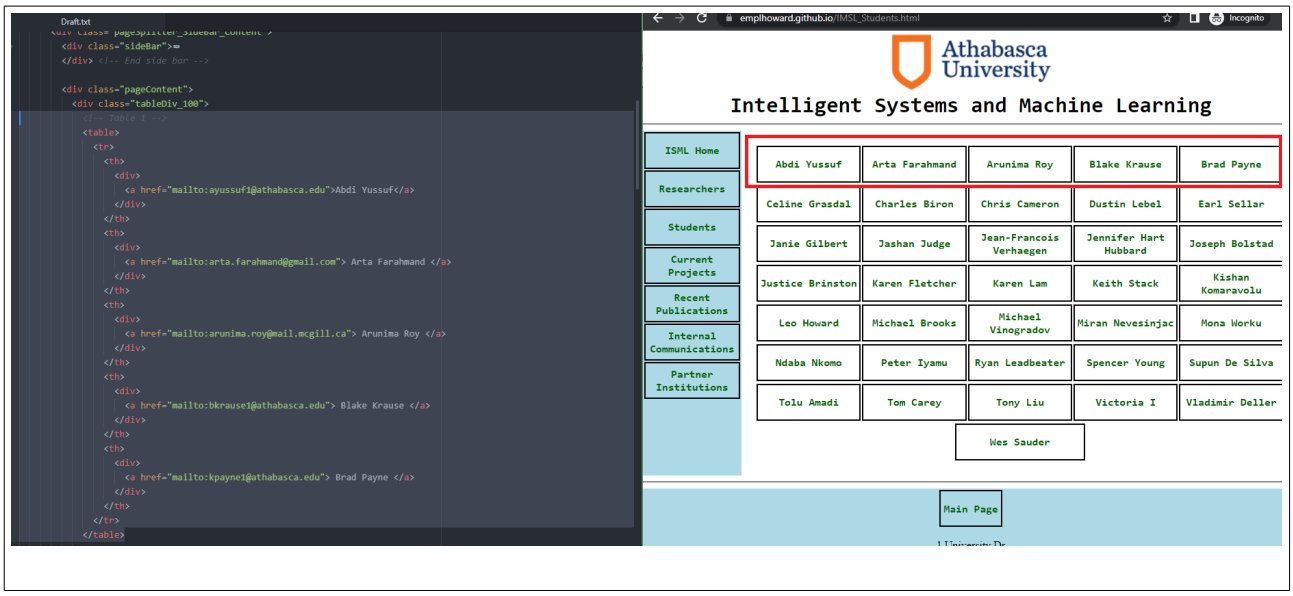
6. Updating Contents for Students:

The page for students is described with "IMSL_Students.html".

The visual table containing student names and links are implemented with multiple <table> elements. This allows each row to be resized properly.

6.1 Updating the student table:

- Use control + F to find . This contains all the <table> elements making up the visual table.
- Example of the table can be seen below:



- To delete a whole table row, delete the block nested inside the <table> ... </table> element; delete the tag <table> and </table> as well. The <hr> tag should also be deleted when a table is taken out, otherwise there would be duplicate break lines.
- To add a table, use the <table> element and use a similar format and structure.
- Each student name and email link is nested under a <th> element. An example of a student element: First Last . mailto:person@athabasca.edu can be changed to specify any email addresses. First Last can be changed to reflect the person's name.

7. Updating Contents for Current Projects:

This page is described with "ISML_CurrentProjects.html".

7.1 Updating the content paragraph:

- Use control + F to find .
- Change the content nested within the ... block.

8. Updating Contents for Recent Publications:

This page is described with "ISML_RecentPublications.html".

8.1 Updating the content paragraph:

- Use control + F to find .
- Change the content nested within the ... block.

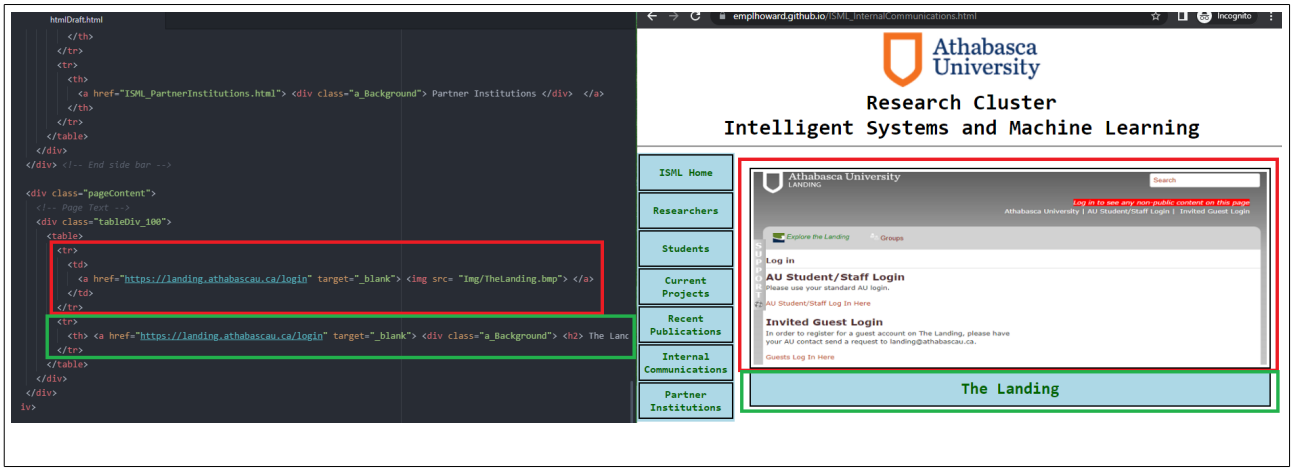
9. Updating Contents for Internal Communications:

This page is described with "ISML_InternalCommunications.html".

Each channel for internal communication are implemented with the <table> element.

Updating the table:

- Use control + F to find , which contains the content. Within this, you will find the table nested in .
- A <table> element will have 2 rows, represented by 2 blocks of <tr>. The first <tr> contains the channel images; each channel's image is contained in a <td> block. The second <tr> contains the channel names; the name of a channel is described in a <th> block. A visual example is described below. The red highlights the <tr> containing a channel image, while the green highlights the <tr> containing the channel name.



- To delete a channel, you delete the <td> in the first row and the matching <th> in the second row. Make sure the first row matches the second row.
- To add a channel, you add a <td> in the first row for the image, and a <th> in the second row for the name. Make sure the first row matches the second row.
- To change the photo of a channel, look for "<img src=..."; also change the link in "<a href=..." preceding the image reference.
- To change the name of a channel, look for " Link Name "; also change the link in "<a href=..." preceding the name.

10. Updating Contents for Partner Institutions:

This is described with "ISML_PartnerInstitutions.html".

ISML_PartnerInstitutions.html is implemented in the same manner as ISML_InternalCommunications.html. Please check section 9.