

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.



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IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

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Challenge #195: XML Parsing



AYX Academy
Alteryx

You never know where one will come across an interesting challenge.

The following was posted as a response to a post called "[XML Parsing for Beginners](#)".

"I have a file (a sample is included below) that contains information about an item. My task is to generate a list that associates the item identifier to the specific attributes, for example from this sample, I'd be looking for something along this sort of output table:

```
item_identifier | grade_level | subject | Depth of Knowledge | Bloom's Taxonomy | etc etc"
```

So, basically a table that has all of the <source><langstring> as the title and the <taxon><entry> as the value. Then to make things a little more complex, when you get to the <source><langstring>Standard, there are multiples with the same name but different values, and I need all the values."



challenge_195_start_file.yxmd

challenge_195_solution.yxmd

Data Analysis | Difficult | Parse | Preparation

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EW

11 - Boilde

Looking forward to seeing other people's more... elegant... solutions but this seems to get the job done and match the output!

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challenge_195_EW.yxmd

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Aaron_Harter

11 - Boilde

▷ Spoiler

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12 - Quasar

my relationship with XML can be best described as 'love-hate'

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9 - Comet

Here's my results. Haven't gotten to play too much with XML parsing, but I'm familiar with the structure of XML files.

[▷ Spoiler](#) `challenge_195_start_file.yxmd`[Share](#) 5 LIKES[Reply](#)**David-Carnes**

11 - Bolide


This one was pretty easy. But I used XML a lot when I career-changed into programming.

[▷ Spoiler](#) `David-Carnes_195.yxmd`[Share](#) 2 LIKES[Reply](#)**rmassambane**


10 - Fireball


[▷ Spoiler](#)

I joined two XMLs child parses to reach the result.

 `challenge_195.yxmd`[Share](#) 9 LIKES[Reply](#)**BradWerner**

11 - Bolide



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jmt214
8 - Asteroid

This was my first time parsing XML. While I don't totally understand what's happening under the hood, I did get the answer with minimal Googling!

↳ Spoiler

 challenge_195_start_file_solved.yxmd 

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RobertW
Alteryx

My output has the same records but in a slightly different order...

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