Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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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!

SUBMIT FEEDBACK

Weekly Challenge

Challenge #195: XML Parsing

AYXAcademy
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

Share | 4 LIKES | Reply

EW
11 - Bolide

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

Spoiler

challenge_195_EW.yxmd

Share | 3 LIKES | Reply

Aaron_Harter
11 - Bolide

Spoiler

Share 2 LIKES Reply

Blake
12 - Quasar

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

▷ Spoiler

challenge_195_BH.yxmd

Share 1 LIKE Reply

JReid
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

▷ Spoiler

challenge_195_BradWerner.yxmd

Share 2 LIKES Reply

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

Share 2 LIKES Reply

RobertW
Alteryx

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

Spoiler

challenge_195_start_file.yxmd

Share 0 LIKES Reply
