

Example Model: Andúril

How to Use XML Parts Lists with BrickLink

If you're new to building with custom MOC instructions, welcome!

This is your exciting first step into the world of premium LEGO creations not designed or issued by The LEGO Company.

This document is your step-by-step guide for how to acquire parts by uploading XML code to BrickLink.com and generating a "wanted list".

This means, instead of buying the parts and instructions together as a prepackaged kit, you are now in full control of your next build project!



More Cost-Effective

Avoid the added expenses of labor, inventory, and markups that come with packaged kits.

Get your LEGO parts at the lowest possible price by ordering directly from [BrickLink](#).



More Choices

Found a model design you love but wish it was in another color? The parts list makes it simpler to alter the color palette and other details to fit your personal style before buying the pieces.



More Control

Instantly access the instructions to learn how a model is built. If you already own some pieces, you can easily remove these from the shopping list and save yourself even more money.



Never Sold Out!

Most custom kits are produced in a limited run and your favorites are probably out of stock and/or retired... with [Brick Replicas](#), you're not waiting for another batch drop to get building!

Keep reading to get started and generate a wanted list of parts with BrickLink in 10 steps.

1. Open the "...XML code" .rtf document

In the download folder (usually a ZIP),
find the .rtf (rich text file) document for
the model you want to find parts for.

You want to open it with a **very** basic
text editor, the kind of utility app that
probably came with your computer:

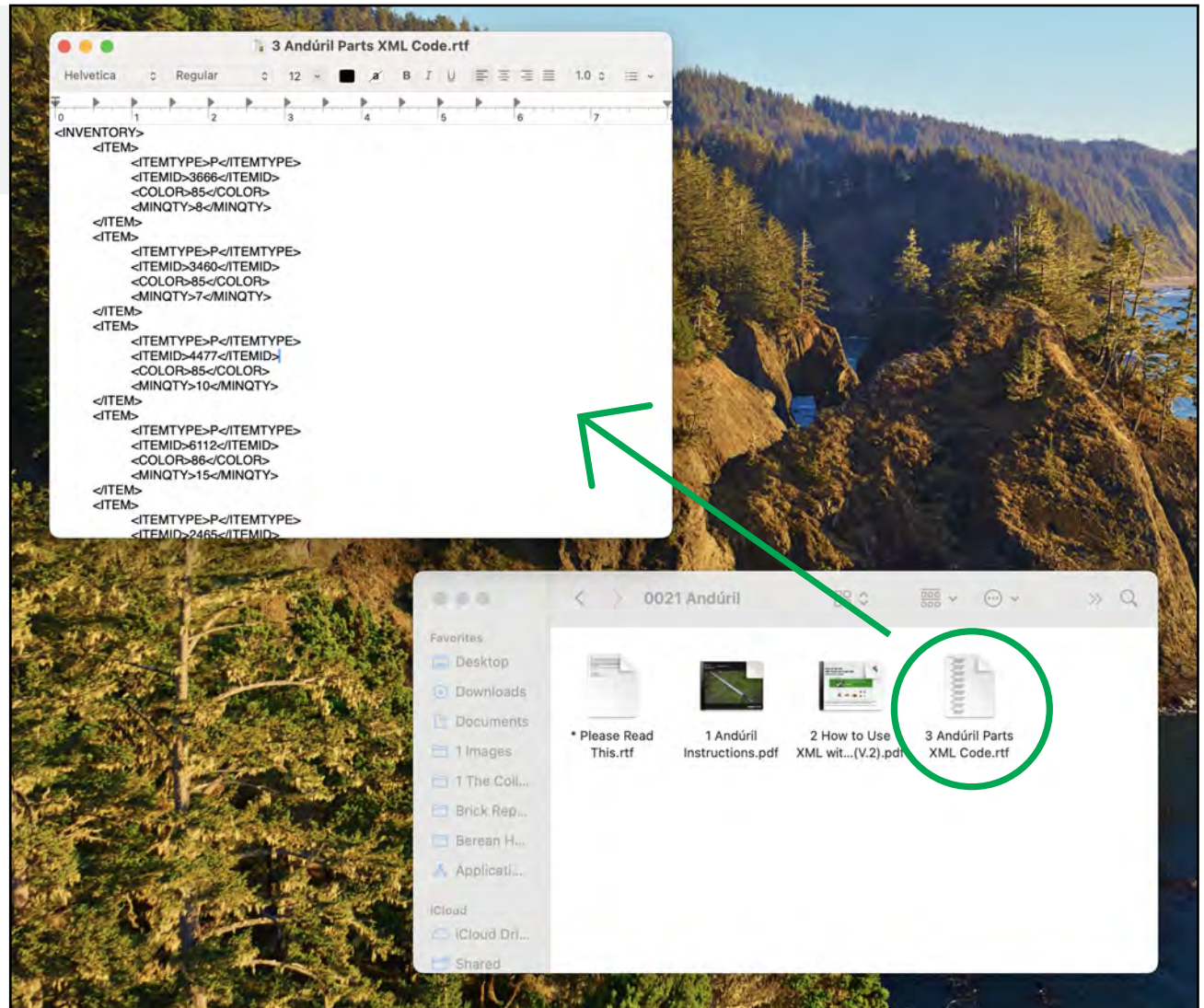


NotePad
(Windows)



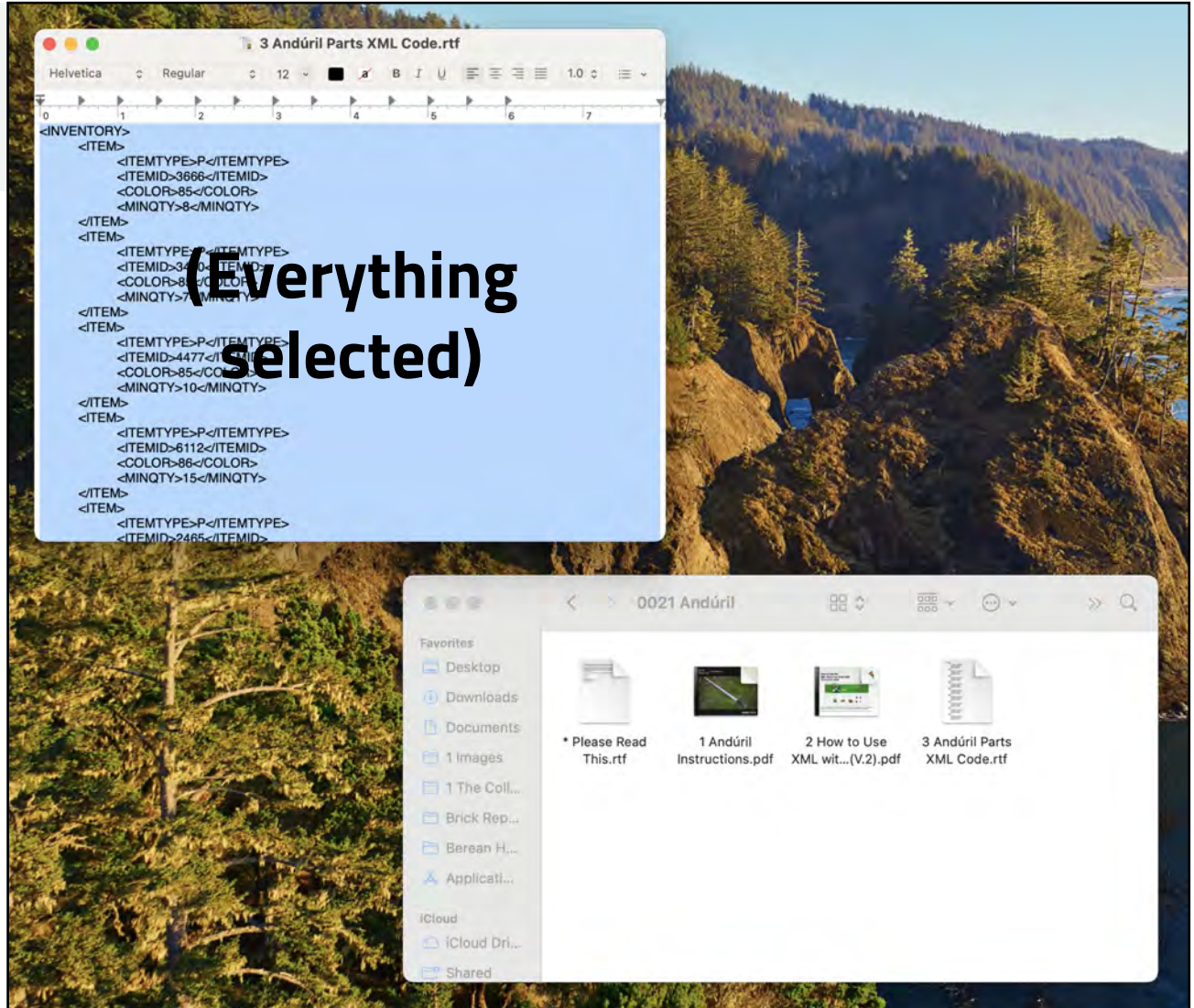
TextEdit
(MacOS)

*(This helps in the next step when you
want to copy-and-paste without extra
formatting being applied to your code.)*



2. Copy all of the XML code

With your cursor (🖱️) clicked anywhere within the active text document, **perform both of the actions below:**



a) **select *all* of the raw code** which is very simple with a keyboard shortcut:

Ctrl+A
(Windows)

Cmd+A
(MacOS)

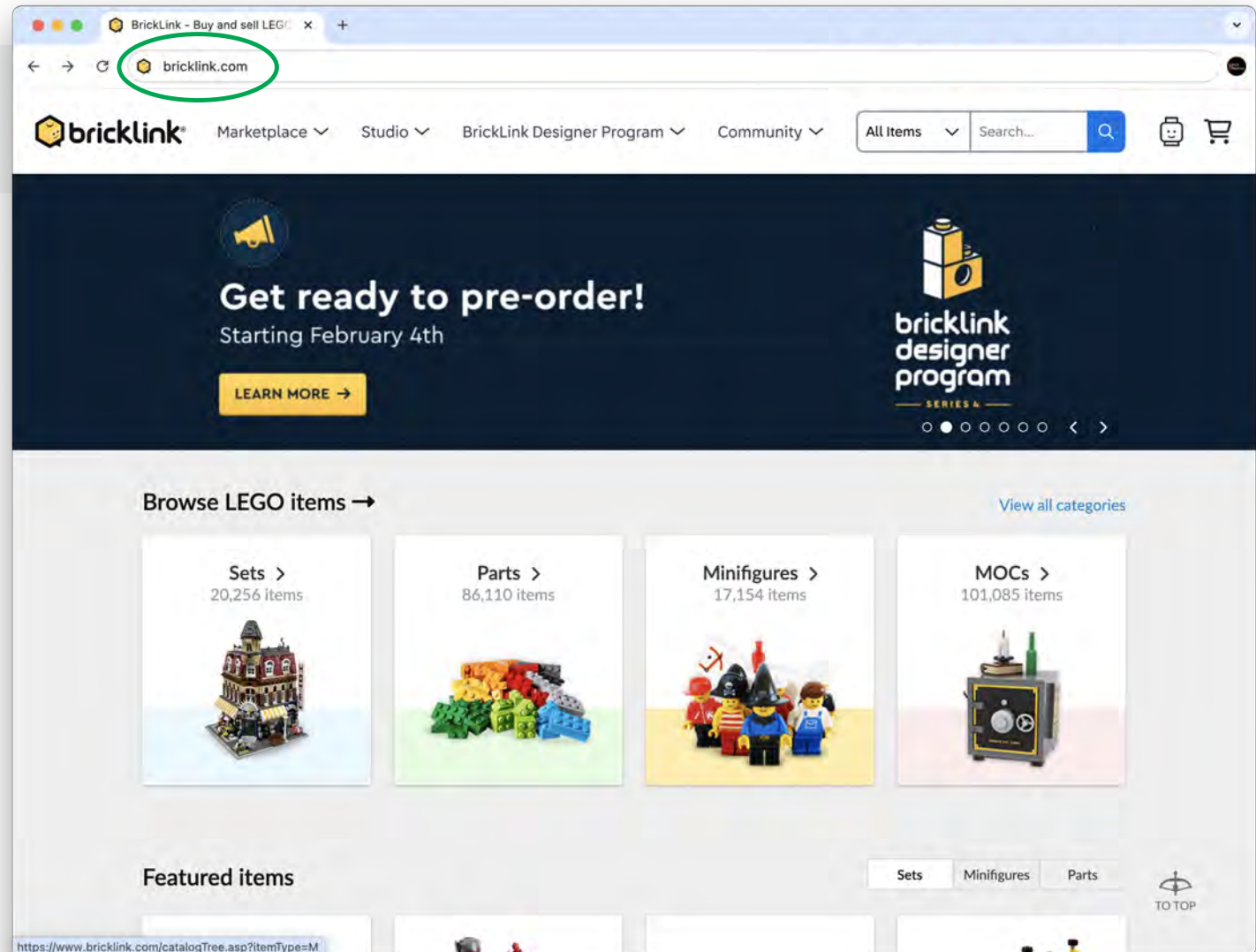
b) **copy the raw code** which is also very simple with a keyboard shortcut:

Ctrl+C
(Windows)

Cmd+C
(MacOS)

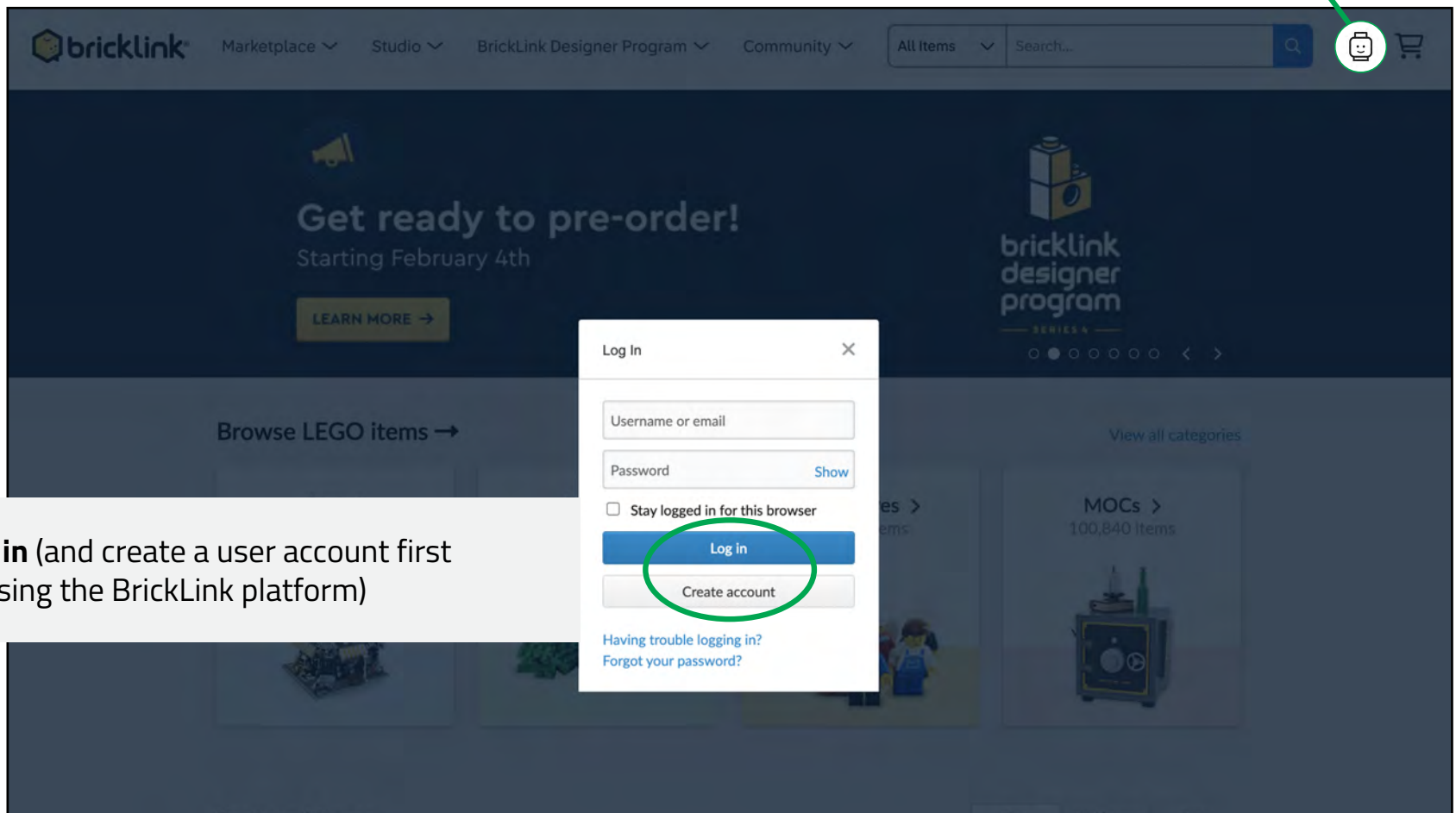
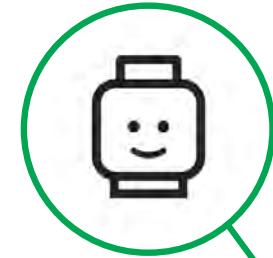
3. Go to BrickLink.com

Navigate to BrickLink.com
("www." not required these days)



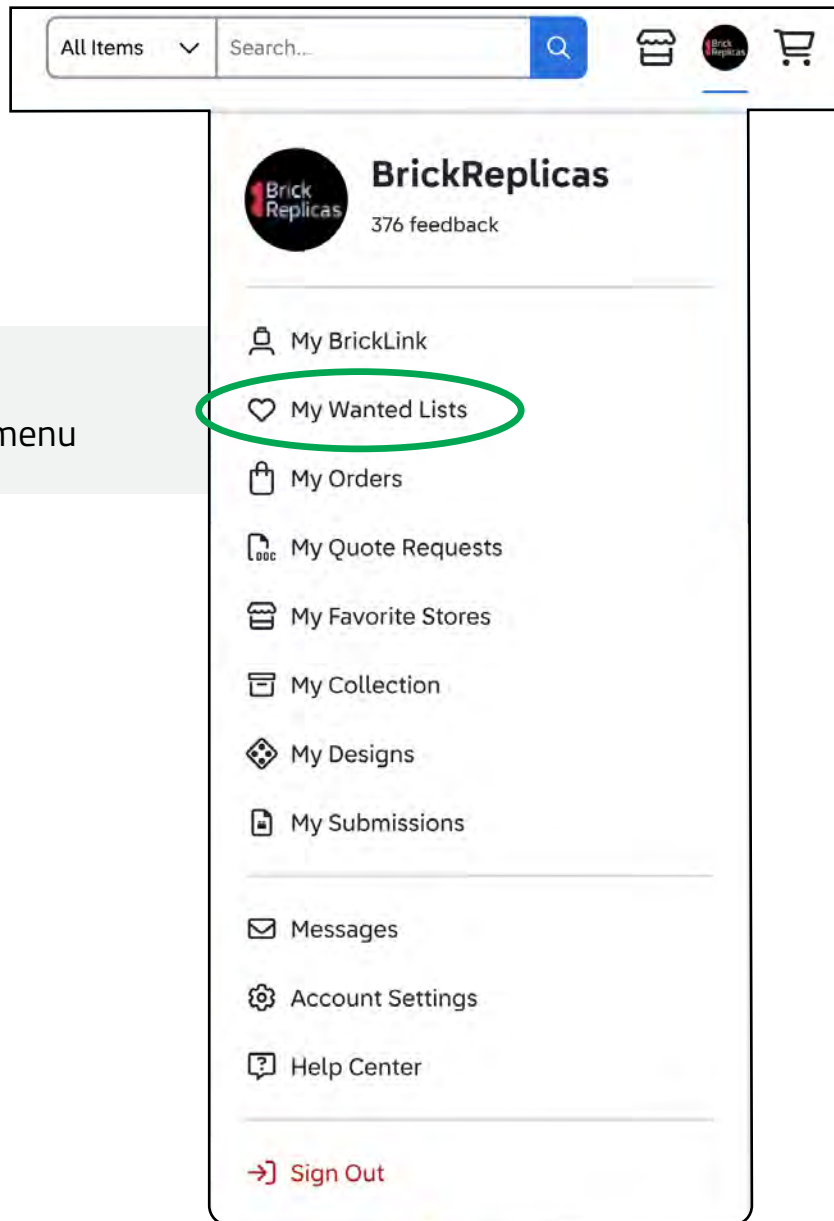
4. Log in / create account

If you're not signed in,
Navigate to this generic user icon
and click to access login options



Make sure to log in (and create a user account first if you're new to using the BrickLink platform)

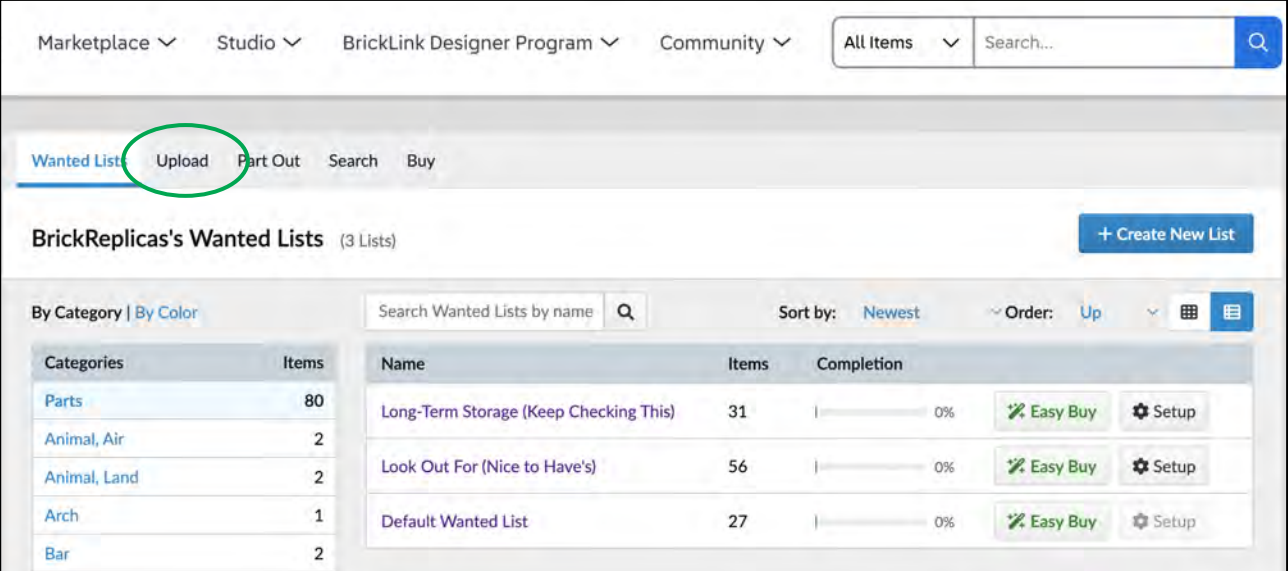
5. Go to "My Wanted Lists"



Navigate to My Wanted Lists
under your user profile's dropdown menu

6. Select "Upload"

Of the tab options for your Wanted Lists, **choose the Upload tab.**

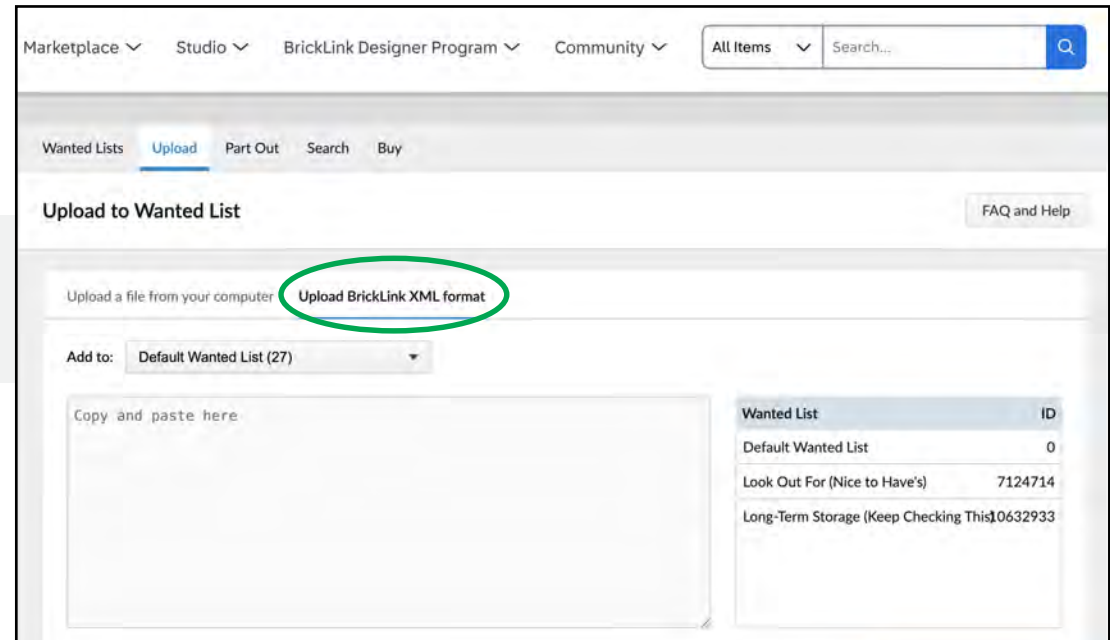


The screenshot shows the BrickReplicas website interface. At the top, there are navigation links: Marketplace, Studio, BrickLink Designer Program, and Community. A search bar is located on the right with the text "All Items" and "Search...". Below the navigation, there is a tabbed interface for "Wanted Lists". The tabs are "Wanted List", "Upload", "Part Out", "Search", and "Buy". The "Upload" tab is highlighted with a green circle. Below the tabs, the page title is "BrickReplicas's Wanted Lists (3 Lists)" with a "+ Create New List" button. There are filters for "By Category" and "By Color", a search bar for "Search Wanted Lists by name", and sorting options "Sort by: Newest" and "Order: Up". A table displays the wanted lists with columns for Name, Items, and Completion. The table contains three rows of data.

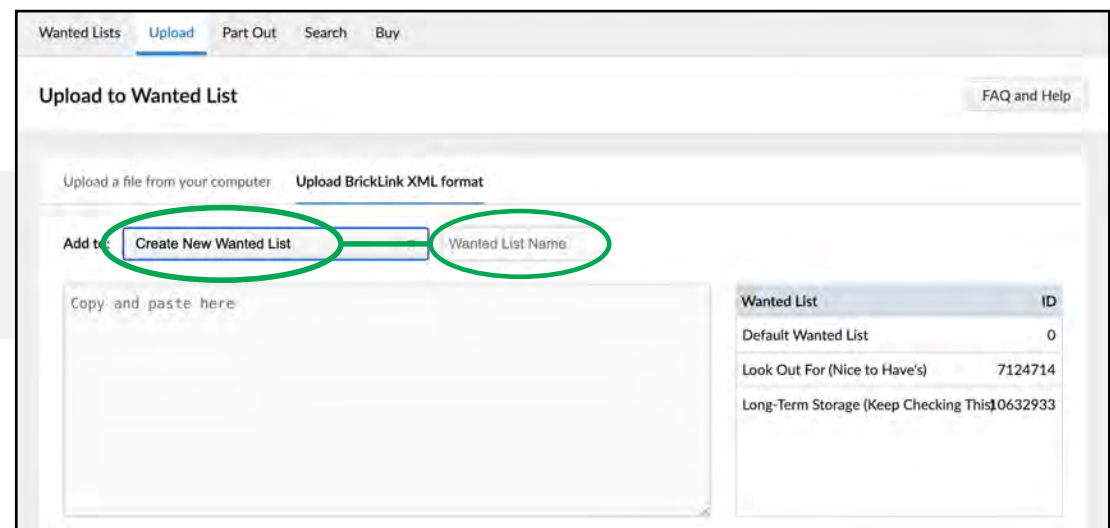
Categories	Items	Name	Items	Completion	Easy Buy	Setup
Parts	80	Long-Term Storage (Keep Checking This)	31	0%	Easy Buy	Setup
Animal, Air	2	Look Out For (Nice to Have's)	56	0%	Easy Buy	Setup
Animal, Land	2	Default Wanted List	27	0%	Easy Buy	Setup
Arch	1					
Bar	2					

7. Upload BrickLink XML format, create new list

a) Of the Upload options,
choose Upload BrickLink XML format.



b) In the dropdown menu for 'Add to:',
choose Create New Wanted List and give it a name.



8. Paste the XML code

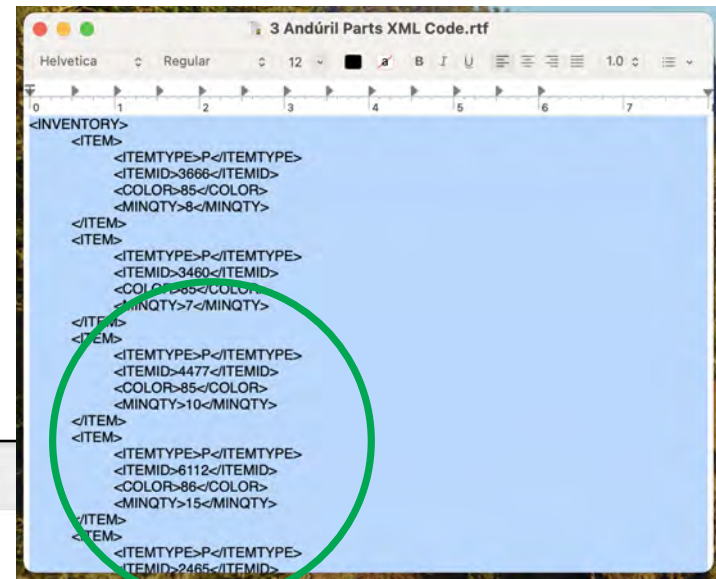
Paste ***all*** of the raw code copied from Step 2 into the text field with a keyboard shortcut:

Ctrl+V
(Windows)

Cmd+V
(MacOS)

*The entire chunk of code text should be here; if you're missing any of the < > tags, go back and select/re-copy ***everything*** in the .rtf file.*

If there are dashes (-) or other new text outside of the < > pairings when pasted, then your text editor is adding extra, unwanted formatting which will mess up your parts list upload process. Try a different app that will allow you to copy the text.



Wanted Lists **Upload** Part Out Search

Upload to Wanted List

Upload a file from your computer **Upload BrickLink XML format**

Add to:

```
<ITEMID>4276</ITEMID>
<COLOR>9</COLOR>
<MINQTY>1</MINQTY>
</ITEM>
<ITEM>
<ITEMTYPE>P</ITEMTYPE>
<ITEMID>3070</ITEMID>
<COLOR>86</COLOR>
<MINQTY>1</MINQTY>
</ITEM>
</INVENTORY>
```

Need help? [See instructions](#)

(Text from .rtf now pasted)

Wanted List

- Default Wanted List
- Look Out For (Ni
- Long-Term Storag

9. Proceed to verify items

...So close to done! This is where code turns into parts.

with all the XML code pasted in,
click the button:

Proceed to verify items →

and you should now see a full list of parts, descriptions, quantities, colors, etc. for the given model you're building.

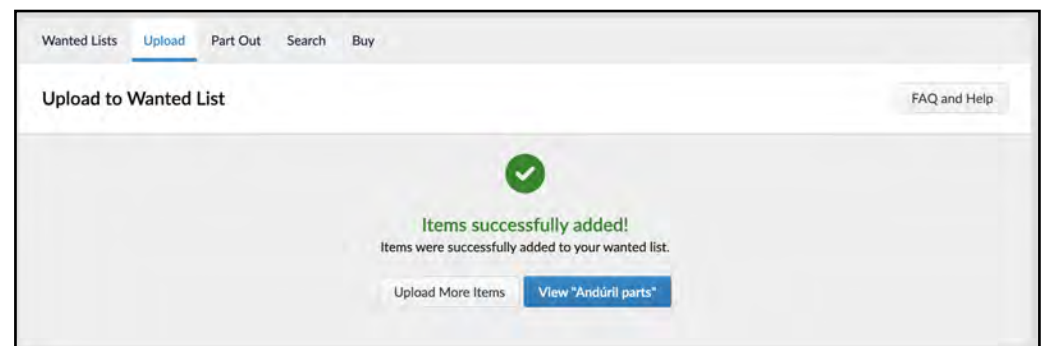
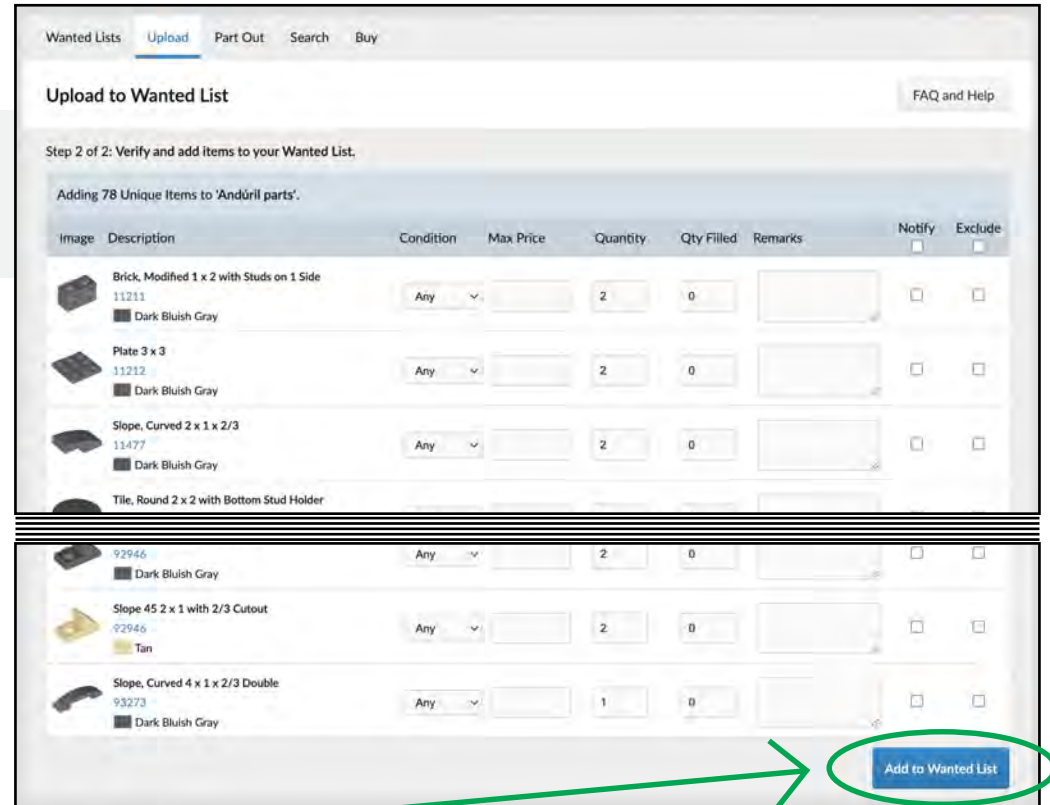
If you get an error message for a specific part with a letter after the part number, try finding that part number in the .rtf file and removing the letter, then re-pasting into BrickLink.

The following items in the XML file are invalid or do not exist in the Bricklink Catalog.
Please fix the following errors:
Item No: 3070b [Example of outdated part number]

To save these parts selections,
click **Add to Wanted List**

...and now **you have successfully imported a parts list with BrickLink XML code**, congrats! Now you just need to generate the shopping cart(s) and order the parts.

Keep reading for the last (shopping) step and some tips.



10. Turn the new wanted list into shopping cart(s)

Option 1: "Easy Buy" – Fast, Skip the Settings

This is the 'one-click' method of ordering everything on your wanted list.

From your profile's Wanted Lists section,
Find the new wanted list you created and choose 'Easy Buy'

Once you click 'Easy Buy', you'll see a temporary popup that indicates the number of unique parts and then total parts (including duplicates) that BrickLink is searching for as the site attempts to find the smallest and most economic combination of store inventories that can satisfy your wanted list needs. When the process is done, you will see the recommended stores and be able to finalize this selection by hitting 'Create carts'.

The screenshot shows the 'Wanted Lists' section of the BrickLink interface. A table lists several wanted lists with columns for 'Items', 'Name', 'Items', and 'Completion'. The 'Easy Buy' button is highlighted in green for the 'Andúril parts' list. Below the table, two temporary loading screens are shown. The first screen displays the item name, unique parts count, and total parts count, along with a 'Finding stores' button. The second screen shows the recommended stores and their prices, with a 'Create carts' button.

Items	Name	Items	Completion	Easy Buy	Setup
Parts	Andúril parts	78	0%	Easy Buy	Setup
Animal, Air	Long-Term Storage (Keep Checking This)	31	0%	Easy Buy	Setup
Animal, Land	Look Out For (Nice to Have's)	56	0%	Easy Buy	Setup
Arch	Default Wanted List	27	0%	Easy Buy	Setup
Bar					
Belville, Figure Accessory					

Easy Buy (Temporary Loading Screen)

Andúril parts
78 unique parts
355 total parts

Based on your location; US

Finding stores

Easy Buy

Andúril parts
78 unique parts
355 total parts

Everything from 2 stores:

- BAZAR FANATIC BRICK -US \$34.08 (84 lots)
- AndrusBricks US \$13.00 (3 lots)

Items added through Easy Buy will be tagged as an Easy Buy source. Name this source for future reference.

Andúril parts

13/25

Create carts (US \$47.08 + 5&H)

Easy Buy will often provide a satisfactory set of stores/carts; sometimes it can pick stores with attributes that you may not want (e.g. international shops with higher shipping, minimum buy amounts, etc.), so if you don't like a given combination, use 'Buy All' instead.

10. Turn the new wanted list into shopping cart(s)

Option 2: "Buy All" – Full Control for Your Carts

This is the standard customization method for ordering everything on your wanted list.

From your profile's Wanted Lists section,
Click into the new wanted list you created and choose 'Buy All'

Use this option for full filtering control (e.g. save money on shipping by limiting the generated cart combinations to domestic stores only).

BrickReplicas's Wanted Lists (4 Lists) [+ Create New List](#)

By Category | By Color

Search Wanted Lists by name

Sort by: Newest

Categories	Items	Name	Items	Completion	Easy Buy	Setup
Parts	158	Andúril parts	78	0%	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal, Air	2					

(Full Filter Options)

Buy Wanted Lists

Wanted Lists (4) | Wanted Items

78/192 item(s) selected

Search for a Wanted List

Andúril parts (78/78) 0%

Default Wanted ... (0/22) 0%

Long-Term Stora... (0/31) 0%

Look Out For (Nic... (0/61) 0%

Store Filters **3 filters applied**

Store location: USA, North America, Anywhere

Store accepts: US Dollar, Instant Checkout

Exclude: Disliked stores (0), Stores that do not ship to me, Lots below Wanted qty, Lots over max price

2823 stores found

Show first: Favorited Coupons Sort by: Unique lots

Store name	Unique lots	Item count	Min. buy	Auto-select
Bricks by Buddy (3079) USA	76	31,177	US \$50.00	Select
MapleGroveBricks (5596) USA	76	25,455	US \$5.00	Select
Marlowe and Moore Store (872) USA	76	17,011	US \$5.00	Select
BBB Brick Store (5628) USA	75	126,820	US \$20.00	Select
Bootsy Bricks (3363) USA	75	35,472	US \$5.00	Select

Wanted Lists | Upload | Part Out | Search | Buy

Andúril parts 0%

Search Wanted List [More Options](#)

78 Items found 25 per pg 1 of 4 Go

Sort By: Item Name Order Up

0 selected Color Condition Price Quantity Remark

Image	Description	Condition	Max Price	Quantity	Remarks
	Tire 24 x 14 Shallow Tread 20648	Black		Want: 5 Have: -	
	Tire 30.4 x 14 Offset Tread - Band Around Center of Tread 92402	Black		Want: 2 Have: -	
	Arch 1 x 3 x 2 Inverted 18653	Dark Bluish Gray		Want: 2 Have: -	
	Bracket 1 x 1 - 1 x 2 Inverted 73825	Dark Bluish Gray		Want: 4 Have: -	

Buy Wanted Lists **(Generated Cart Combinations)**

Selected Stores (4) 355/355 assigned (100%)


Store name	Country	Unique lots	Item count	Item price	Min. buy	Remove
Illinois Brick (4)	USA	2	3	US \$1.13		Edit Remove
Sanders' Bricks (904)	USA	40	167	US \$13.32	US \$4.00	Edit Remove
Brick Corner-Brick (318)	USA	23	47	US \$3.56		Edit Remove
Brick_Houze (451)	USA	32	138	US \$15.08	US \$0.01	Edit Remove
Subtotal	4 domestic	78	355	US \$33.09		<input type="button" value="Create carts"/>

Your shopping cart(s) will be generated per your full preferences.

Tip: parts shopping for multiple models

It is highly recommended, if you are trying to get the parts for multiple models and/or accessories (e.g. my M1 Garand rifle along with its optional bayonet attachment, display stand, and info plaque), that you **upload the XML code from all of their separate .rtf documents to the same BrickLink wanted list.**

Each .rtf document's chunk of code text can be copied / uploaded one at a time; when going to 'Upload' and 'Use BrickLink XML Format', just choose to add to the same existing wanted list option in the dropdown menu.



This will allow BrickLink to further economize on your cart combinations and save even more money on the overall parts and shipping costs.

Remember: You can always go into your wanted list and remove any parts you may already have in your collection, change the desired color, and more!

Wanted Lists Upload Part Out Search Buy

Upload to Wanted List

Upload a file from your computer Upload BrickLink XML format

Add to: M1 Garand combined parts lists (rifle + ar)

Wanted Lists Upload Part Out Search Buy

BrickReplicas's Wanted Lists (4 Lists)

By Category | By Color

Categories	Items	Name
Parts	158	M1 Garand combined parts lists (rifle + ammo, bayonet, stand, plaque)
Animal, Air	2	

Questions? Contact me

Need help troubleshooting?
Want to report a recent change to BrickLink's website?

support@brickreplicas.com

All the best,

Cole Edmonson
Lifelong LEGO fan, award-winning builder
brickreplicas.com



