



HACKvent 2021

Day 11


1. Open a [Web browser](#)
2. Navigate to <https://competition.hacking-lab.com/events/13/challenges/224>




[HV21] Oversized Gifts


 Challenge ^







Santa, I blew up the Gifts!

 Properties ^ ?

Categories	
Level	medium
Grading	
Mode	

 Resources ?


NO RESOURCES

 DESCRIPTION  SOLUTION HISTORY  SUBMIT SOLUTION

Solution

Write down the Flag or Codeword here

SUBMIT

3. Scroll [Down](#) the window

Thanks!


This challenge is brought to you by [darkstar](#). Ho, ho, ho...ly cow, that's big!

Introduction

To ensure that Santa does not have to carry such a heavy load, our elves are always trying to shrink the gifts as much as possible. New technologies are constantly being developed in our laboratories. Unfortunately, an incident occurred during a test, when restoring the original size, an error occurred and now we are no longer able to achieve the original size.

Goal

Are you able to achieve an acceptable size?



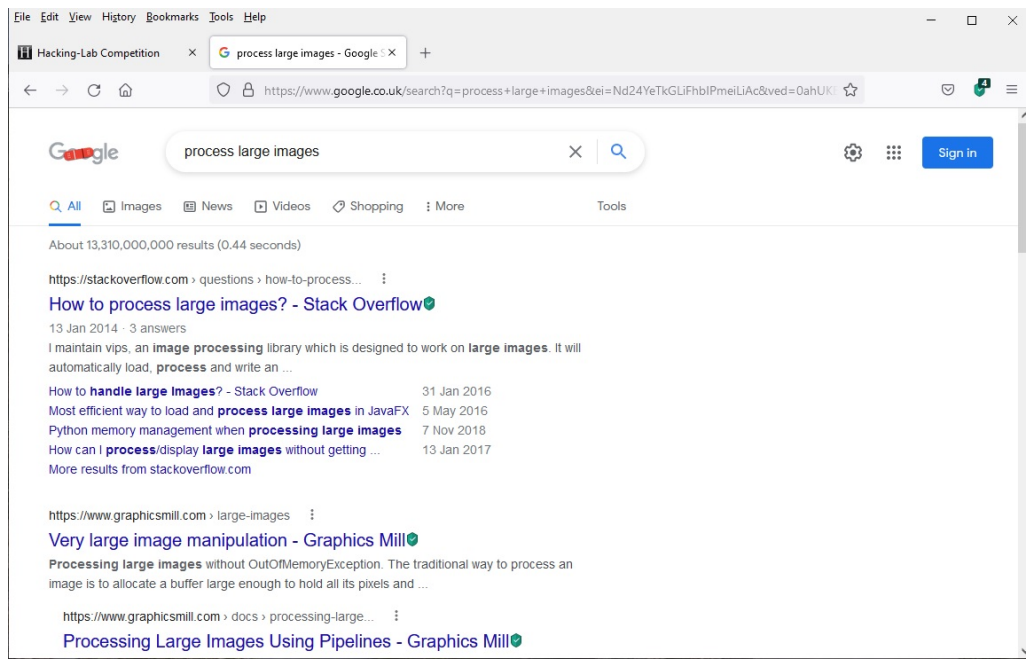
This picture is purely illustrative - we thought a bit of color might be nice :-) [Download the linked file!](#)

Feedback

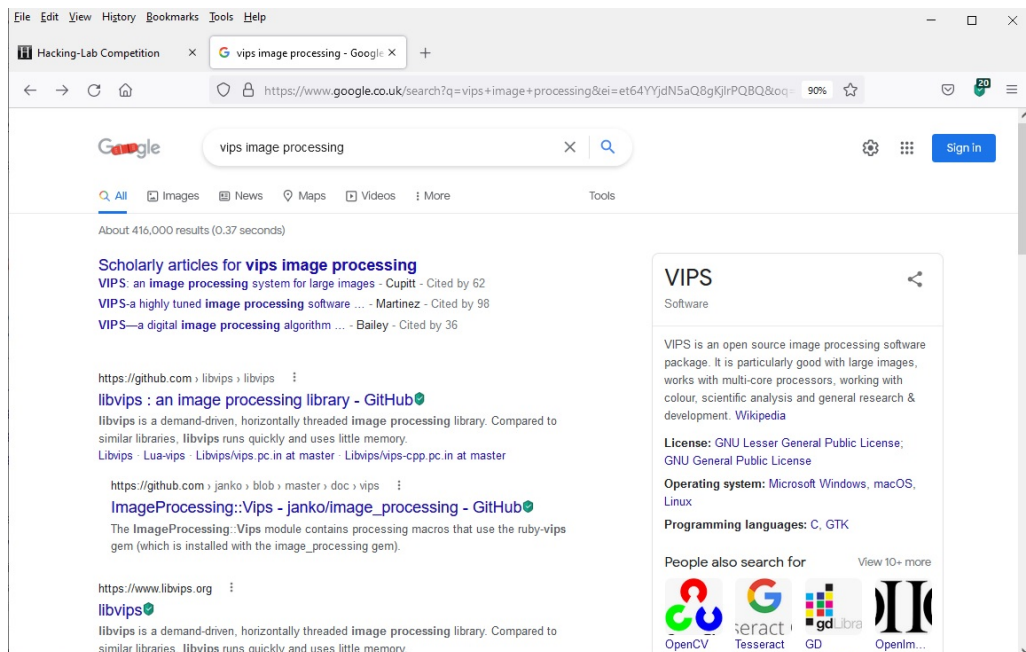
We would love to get your feedback about this challenge. Please fill out this [1 minute survey](#) and tell us what you think!

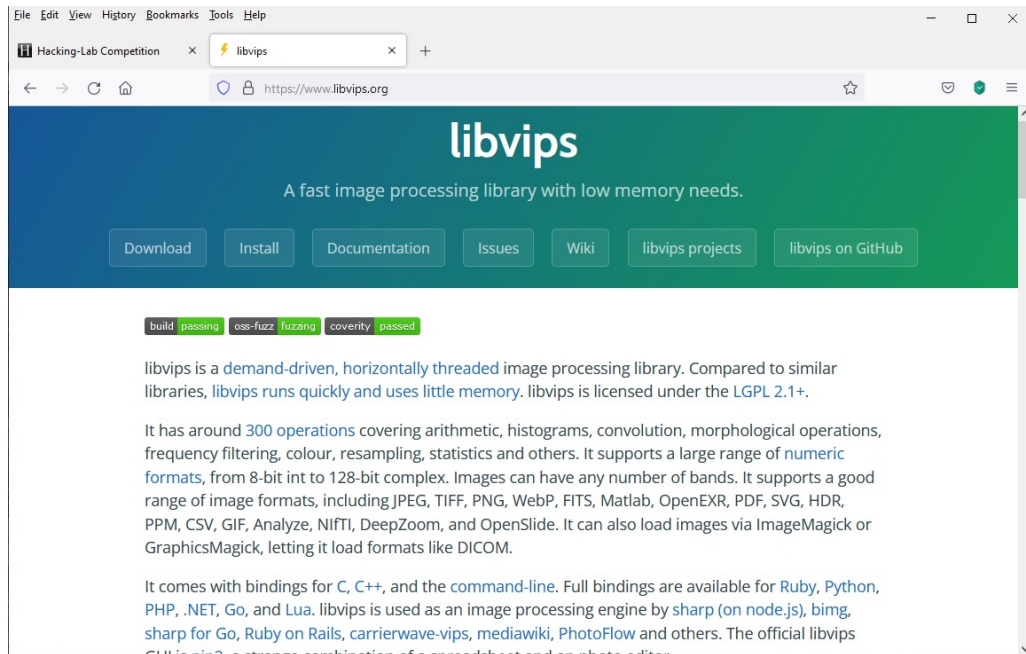
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- Click on the **Present** image
- Save the **72d85b7f-4325-432e-93ff-cfdc019306c6.png.bz2** file
- Click to open a **Second** browser tab
- Navigate to **https://www.google.co.uk/**
- Type **process large images** into the Search text box and then click the **Google Search** button



- Type **vips image processing** into the Search text box and then click the **Google Search** button



10. Click the **libvips** result11. Download the **vips-dev-w64-all-8.12.1.zip** file from the GitHub repository12. Open a **Windows Command Prompt**13. Type **7z x vips-dev-w64-all-8.12.1.zip**

```
7-Zip 21.06 (x64) : Copyright (c) 1999-2021 Igor Pavlov : 2021-11-24
```

```
Scanning the drive for archives:
1 file, 30325513 bytes (29 MiB)
```

```
Extracting archive: vips-dev-w64-all-8.12.1.zip
--
Path = vips-dev-w64-all-8.12.1.zip
Type = zip
Physical Size = 30325513
```

```
Everything is Ok
```

```
Folders: 83
Files: 1504
Size:      96539152
Compressed: 30325513
```

14. Type `7z x 72d85b7f-4325-432e-93ff-cfdc019306c6.png.bz2`

```
7-Zip 21.06 (x64) : Copyright (c) 1999-2021 Igor Pavlov : 2021-11-24
```

```
Scanning the drive for archives:  
1 file, 3545424 bytes (3463 KiB)
```

```
Extracting archive: 72d85b7f-4325-432e-93ff-cfdc019306c6.png.bz2
```

```
--
```

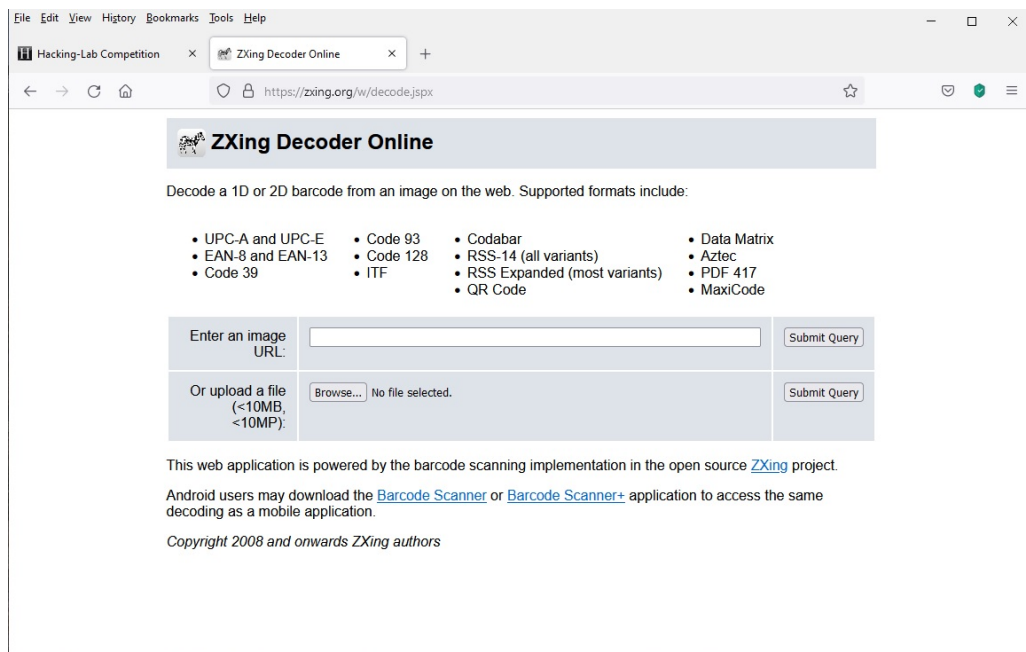
```
Path = 72d85b7f-4325-432e-93ff-cfdc019306c6.png.bz2
```

```
Type = bzip2
```

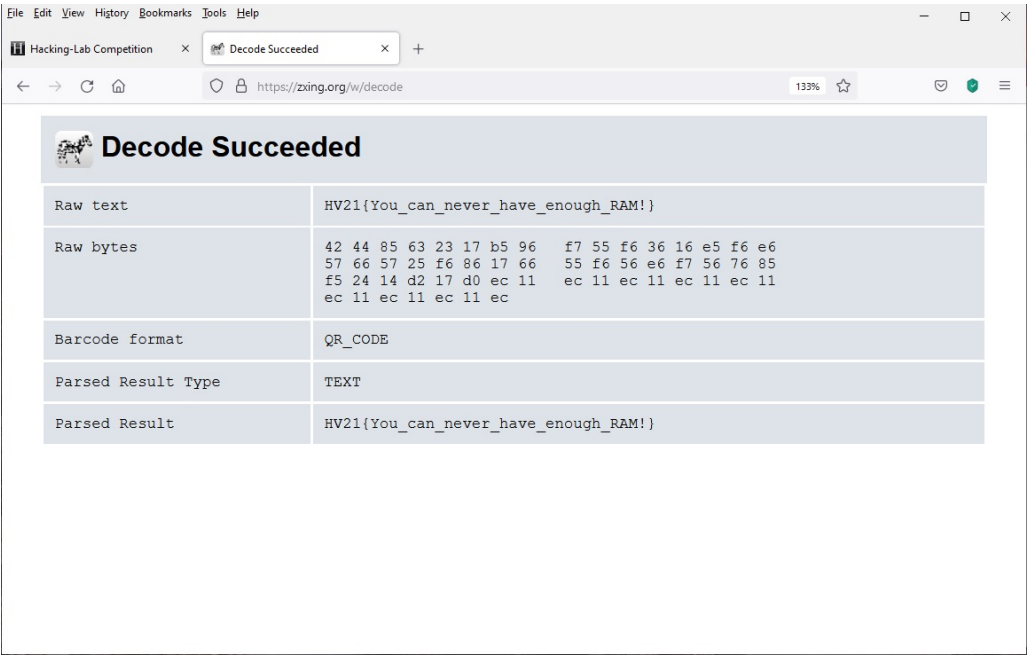
```
Everything is Ok
```

```
Size:          3219602417
```

```
Compressed: 3545424
```

15. Type `vips.exe shrink 72d85b7f-4325-432e-93ff-cfdc019306c6.png qr-code.png 2000 2000`16. Navigate to <https://zxing.org/w/decode.jspx>17. Click the **Browse** button18. Select the `qr-code.png` file

19. Click the **Submit Query** button



Flag: HV21{You_can_never_have_enough_RAM!}