Welcome to the {code} Weekly, a Newsletter focused on the {code} Community, Team, open source and storage/container trends in the tech industry.

{code} Weekly Highlights

From fascinating conversations in the {code} Community to the launch of the blog redesign, this {code} Weekly is full of intriguing things that we can not wait to share with you. Read more below!

Visit Our Website

{code} Community

The {code} Community, now with close to 2,400 members, spurs interesting discussions. This week we had a discussion about encrypting and obfuscating code - to make sure people couldn't see the plain-text code. This might seem like a strange conversation to be had in an open source forum, and it was later made clear that it was only small parts of the code the developer wanted to hide (the URLs).

Obfuscation of code is an interesting subject since it allows individuals to share code without it being straight up readable. It might not be the preferred way of sharing code, but similar techniques are being used to, for example minify codebases to reduce the bandwidth needed for websites.

There are also beautiful instances of obfuscated code, like the image of Alan Turing in a C program to the right. You can check out more of these over at The International Obfuscated C Code Contest.

Do you have a burning question about obfuscation? Maybe how to do something in your favorite programming language for that one project? Join in on this and other discussions by heading over to {code} Community page and sign up!

```
#define/**/Alan/**/(fflush(0),j=c=0;++c<b[6]+7;v=b[c]^(b[c+
char*B="close\r\nContent-Type:text/html\r\n\r\n<canvas id=\
'c'width='128'height='128'style='width:256px;height:256px'\
><script>x=y=-1;v=window.c;v.onmousemove=function(e){x=e.p\
ageX-v.offsetLeft;y=e.              pageY-v.offsetTop};w=\
new WebSocket('ws'+                   location.href.subs\
tr(4));w.binary"                        "Type='arraybuff\
er';w.onmess"                             "age=function(\
e){c=v.getC"                               "ontext('2d')\
;b=c.crea"              "teI"               "mageData(12\
8,128);u=        new Uint8Array(d=e.          data);b.dat\
a.set(u)      ;c.putImageData(b,0,0)          ;u[0]=x/2;\
u[1]=y/2    ;w.send(d.slice(0,x<0?0:           2));x=y=-\
1}</scr"   "ipt>",b[9999];float*e,d[             65536],u,v
,lu,lv,    z;void*f;typedef unsigned              long long
l;l*p,t[  99]={0x67452301,0xEFCDAB89,             0x98BADCFE
,308438*  881,3285377520       },i,j,k           ,n,m[204];
#include        /*io*/          <stdio.h>        /*turing*/
void s(){  ;     for(  k          =0;k++<7 *  2  *9;)for(i=
0;++i<127; )      e=d +  i* 4   +512*k,l[e]      +=(i-u)*(i
-u)+(k-v)* (k- v  )<20?*e+=UV_DROP:0;}l*q=  m,   g=1LL<<32;
l(h)(l v,l (a)){ return(v<<a)|(v%g>>(32-a     )  );}int main
(int c/*ha r*/,  char**y){for(e=d;fgets(b       ,m[97]=480,\
stdin)&&*b >31;  )for( i=j=0;n=b[i],i<18   ?  (l)"sec-webs\
ocket-key: "{i]       ==(n|32):n-32? m[j/4]  |=(j< 24?n:(l)
"258EAFA5-" "E914-47DA-95CA-C5AB0DC85B"     "11\x80"(j-24))
<<(3-j%4)*8 ,++j<61:1;)i++;for(j=3;--j;    ){for(i=4;++i<74
;)i>97p=q+i- 2             ,p[8]=h(p[5      ]^*p^p[-6]^p[-8]
#define/*hah  aha          <--mouth*/      laplacian(u)l##u
,l);(t[i]=t[9 -i]       );for(p=t+7          ,i=-1;++i<82;k
=*p++,p[2]=h(p[1],5)   +p[-3]+n+     (i/+     20%2?*p^k^p[-
2]:(*p&k)|((i< 20?-*p:*p|k)&p       [-2        ))++q++,t[+
81-i]+=(i>76)*     (* p=          h(*           p,30*(i<80)
)))for(;n-k;n=(((                1LL             +(9<<i/20
)/8)<<60)/k+k)/2)             k=n   ;}  for     (i =0;i<57;
i++)i<30?q[i%5*            16/   3+   i/5]   |=t[i%5]%g<<4
>>(30+i%5%3*2-i/5       *6)&   63,0    :(n    =*q++,b[i-30]=
n<62?n-37+"fl!"     [n      /26]:n    *4-    205);for(prin\
tf("HTTP/1.1 "/*    |      */"%d "          "OK\r\nConnecti\
on:%s%.27s=\r\n\r\n"       ,101   +99*!  *m,!*m?H:"upgrade\
\r\nUpgrade:webso"         "c"   "ket\r\nSec-WebSocket-Acce\
pt:",b);e-d<65536 ;       e+=  4)e[1]=(*e=UV_BACKGROUND);for
(;*m;c=0){for(f= c<       2  ?0:fopen(y[1],"r");f&&fscanf(f,
"%f,%f,",&u,&v)>0;)s       ();for(;j<SPEED*4;j+=2)for(i=0;i<
63504;e+=5-j%4*2,z=      TIMESTEP,*e=u+z*(elta_u),e[1]=v+z*
(elta_v),i+=4)for(c=  0;c+2;u=v,v=e[4],lu=lv,lv=e[-508]+*e+
e[8]+e[516]-v*4)e=d+i+512+i/504*8+j%4-c--;for(;n=c%4,65544>
c;c++)putchar(c>??n>2||(u=d[c-n-7]*4*(n<2?!n?RGB))>255?255:
#define/*x*/Turing(x)4]=getchar()&127))u=v;if(b[6]>1)s();}}
u<0?0:u:c<0?124-c*3:c==5);/* -- The word "genius" is */ for

                Alan Turing  (1912--1954)
```

{code} Org.

We are completely elated to share with you our revamped blog! We listened to feedback from our readers

and team, then focused our efforts to make the blog more streamlined, crisp and user-friendly. We wanted to make sure that each detail was thought through and really spoke to who we are as a team.

Take some time to explore the blog, won't you? Can you find some of the little easter eggs?

2017 has already proven to be a milestone year. From sending out our 100th {code} Weekly to announcing the launch of our new blog redesign. Stay tuned for lots of new things coming your way this year!

{code} Industry

Containers:

- ScaleIO: Deep Dive on Imperative Deployment by David vonThenen
- Hands on Kubernetes (Part 1) from Cloud Academy
- Does the Container Ecosystem Need a Map? by Scott M. Fulton III

Open Source:

- How to gain confidence to participate in open source by Laura Hilliger
- Stepping into math: Open-sourcing our step-by-step solver by Evy Kassirer
- Mozilla Open Design - Branding Without Walls by Tim Murray

Other Tech News:

- Microsoft-owned Minecraft no longer supported on Microsoft-owned Windows Phone/Mobile by Peter Bright
- Serverless Ops by O'Reilly Media, Inc. - Free eBook
- 'You are Not Expected to Understand This': An Explainer on Unix's Most Notorious Code Comment by David Cassel
- Raspberry Pi upgrades Compute Module with 10 times the CPU performance by Jon Brodkin

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{code} Calendar

SCALE 15x
Pasadena, CA
March 2-5, 2017

If you haven't walked the halls of a SCALE conference, then this is the year to do it! Join us at the Pasadena Convention Center to talk about all things open source and containers.

David vonThenen and both of our 2016 Summer of {code} Interns Akira Wong and Proud Heng will be speaking this week. More details to come.

Don't forget to register to attend.

Dell EMC World (lovingly called DEW)
Las Vegas, NV
May 8-11, 2017

This will be the first Vegas Dell EMC World and we can pretty much guarantee an amazing experience will be had. Come hang out with the team during this week in the Expo Hall and sessions. We will send out more details as they become available.

It's never too early to start making your plans for this year's DEW. We have. Join us!

To stay up to date on where you can find the {code} Team, check out our calendar.

#Overheard

1996 v 2016

@YouHadOneJ0B

For feedback, topic ideas, or corrections please email Stephanie.Carlson@Dell.com.

We hope you enjoyed the 101st issue of the {code} Weekly.
Thanks for subscribing!