

## [ballyalley] Bally's Alley -- The Game

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To: ballyalley@groups.io <ballyalley@groups.io>

Adam has mentioned before wanting to play Bally's Alley, the aptly named text adventure by John Collins, but it's only available in scanned form and he didn't trust himself to read the handwritten variables.

[https://ballyalley.com/type-in\\_programs/basic/Bally's%20Alley/Bally's%20Alley%20\(1980\)\(John%20Collins\)\(BASIC%20Listing\).pdf](https://ballyalley.com/type-in_programs/basic/Bally's%20Alley/Bally's%20Alley%20(1980)(John%20Collins)(BASIC%20Listing).pdf)

I, perhaps foolhardily, decided that I could read John Collins's handwriting and typed it in. His 2's look like v's and he really smooshes his 8's together. Anyway, I've triplechecked the code and ended up with a game that seems to work. I had to put more delays in the WAV file than usual due to how the @ array is initialized. I can navigate between locations and display the score. The instructions led me astray on picking up items. I researched the character values and figured out you should enter G (GET), not TAKE. DR for DROP also functions. I see code for the magic word, but haven't actually run into it yet. I also saw indications in the code of a command starting with F and a command with L as the the third character. Adam and Chris played the similar game The Treasures Of Cathy a lot, so maybe they would be interested in additional testing. John said you could spend weeks playing it. I don't know about that, but a map would definitely be advisable, especially since the navigation seems to be pretty random rather than like an actual physical space.

I'll attach the current version, marked WIP due to lack of testing at the moment.

Paul

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4 .
5 :return
6 goto 140
140 print " 1=DIR,2=COMMAND,3=CARRING";input " 4=SCORE"C;if C=2goto 500
150 NT=0;if C=4print " SCORE=",B
170 if C=3goto 320
180 print " ENTER DIR CODE";print " 1=N,2=S,3=E,4=W,5=UP,
190 input " 6=DOWN,7=SW,8=NE,9=NW"L;if (L<1)+(L>9)goto 140
200 G=@(A);M=0;J=0;if G>9999 J=1
210 for I=1to 4;K=-1;if G=0goto 250
220 G=Gdiv 10;K=RM;if K=L M=I;I=4
250 next I;if M=0print " DEAD END";goto 180
260 M=M-2;clear ;if M<1M=M-1
270 if J=1if M>0goto 500
280 A=A+M;BC=7;B=B-1
282 print " YOU'RE AT ";if (A<15)+(A=30)gosub 600+A;goto 290
284 if A>30goto 645
286 BC=A+A;print " COLOR MAZE

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290 N=0;for I=90to 99;if @(I)=Aprint " HERE ISright ";N=I;gosub 700+I
300 next I;goto 140
320 for I=67to 70;for J=90to 99;if @(I)=Jprint I;;gosub J+700
330 next J;next I;goto 140
500 print "ENTER COMMAND";for I=71to 89;D=KP;@(I)=D
505 TV=D;if D=13 I=89
510 next I;if @(71)=71if N>0 goto 900
520 if @(71)=68if @(72)=82goto 930
530 if @(71)=@(60)if @(63)=@(74)if @(66)=@(77)A=1;goto 282
540 if @(91)<0if A=14if @(73)=76if L=6 A=15
550 if A=20if L=6if @(71)=70if @(95)<0 A=30
560 if A=35print " SNILLOC";goto 280
570 goto 140
601 goto 608
602 print "IN HOUSE";print "DROP TRES HERE(LIVING RM)";return
603 print "KITCHEN";return
604 print "BEDROOM";return
605 print "GARAGE";return
606 .
607 print "GARDEN";return
608 .
609 print "BALLY'S ALLEY";return
610 .
611 .
612 .
613 print "ON LONG ROAD";return
614 print " WELL WITH";print " LOCKED COVER";return
630 print " NO WAY UP! NEED MAGIC WORD";return
645 &(21)=79;T=Amul 3;for S=Tto 0step -1
650 MU=S;&(23)=S;&(19)=S;next S;&(21)=0;goto 290
790 print "KNIFE";return
791 print "KEYS";return
792 print "ROPE";return
793 print "LAMP";return
794 print "COINS";return
795 print "OIL";return
796 print "SILVER";return
797 print "GOLD";return
798 print "DIAMONDS";return
799 print "TREASURE CHEST";return
900 T=1;for I=67to 70;if @(I)=0if A#2if @(N)>0 @(I)=N;@(N)=-@(N);gosub 990
920 next I;goto 140
930 input " ITEM NUM",D;if (D<67)+(D>70)goto 930
940 N=@(D);T=-1;if (N<90)+(N>99)goto 500
950 @(N)=A;@(D)=0;if A=2T=2
960 gosub 990;goto 140
990 B=B+Tmul (N-89)mul (N-89);I=70;return
9000 NT=1;;print ;list
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```
9010 for Z=1to 26;TV=Z+64
9020 print #1,"=",%(20076+(Zmul 2));next Z;for Z=0to 99
9030 print #1,"@(",Z,")=",@(Z);next Z;print "run
A=1
B=0
C=0
D=13
E=0
F=0
G=0
H=0
I=0
J=0
K=1
L=1
M=1
N=90
O=0
P=0
Q=0
R=0
S=0
T=-1
U=0
V=0
W=0
X=0
Y=0
Z=26
@(0)=0
@(1)=100
@(2)=5120
@(3)=4002
@(4)=1406
@(5)=1803
@(6)=1900
@(7)=8302
@(8)=142
@(9)=4327
@(10)=1047
@(11)=803
@(12)=872
@(13)=270
@(14)=1603
@(15)=1450
@(16)=9830
@(17)=370
@(18)=7030
```

@(19)=3004  
@(20)=10608  
@(21)=3804  
@(22)=3270  
@(23)=3810  
@(24)=3274  
@(25)=3814  
@(26)=5274  
@(27)=7014  
@(28)=6  
@(29)=8  
@(30)=8100  
@(31)=8320  
@(32)=8147  
@(33)=327  
@(34)=247  
@(35)=819  
@(36)=8974  
@(37)=302  
@(38)=107  
@(39)=620  
@(40)=50  
@(41)=0  
@(42)=0  
@(43)=0  
@(44)=0  
@(45)=0  
@(46)=0  
@(47)=0  
@(48)=0  
@(49)=0  
@(50)=0  
@(51)=0  
@(52)=768  
@(53)=1024  
@(54)=1280  
@(55)=3840  
@(56)=5120  
@(57)=7168  
@(58)=7424  
@(59)=8704  
@(60)=83  
@(61)=78  
@(62)=73  
@(63)=76  
@(64)=76  
@(65)=79  
@(66)=67

@(67)=0  
@(68)=0  
@(69)=0  
@(70)=0  
@(71)=0  
@(72)=0  
@(73)=0  
@(74)=0  
@(75)=0  
@(76)=0  
@(77)=0  
@(78)=0  
@(79)=0  
@(80)=0  
@(81)=0  
@(82)=0  
@(83)=0  
@(84)=0  
@(85)=0  
@(86)=0  
@(87)=0  
@(88)=0  
@(89)=0  
@(90)=3  
@(91)=4  
@(92)=5  
@(93)=15  
@(94)=20  
@(95)=28  
@(96)=29  
@(97)=38  
@(98)=39  
@(99)=40

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