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RAGON Contents

Two Dimensional Graphics Peter Writister shows how you can

Simple machine Roy Collegon takes you through some

Firmware Torpedo The first of two carries trans Stane Editorial

THE OFFICIAL pulphostion date for this respective is Newwyber 23 --- which

There will be a lot of other manule at the above too. the Dragon, including Mike Gentard's new rove, Treations Commissional things, the new 64K expansion board that can make your 64 a 128 (see

names Miles Gerrard fell over backwards about The Sat Ise't endless, but there are plenty of other names as well-Currana, Design Design, Troise, CRL, Andtek, Blaby, and pur very own And of course Dregon User will be there, and our roving reporters will What's more, over 2,000 secole, the organisers may have already

bought tickets, so it looks like it's going to be a record breaking turrout. Well, it's unlikely that any representatives from the major high street retailers will be turning up. Remember there? They're the people who decided the Dragon was dead, and nebody worsted to buy software and perioducate by it are more near one of the small independents who really know what there's a

The Dragon's Claw 42 Competition Corner 46

sansors - firstly, having taken the broader to above up and prove your

- Adventure Trail
- Yet make questions anywared by Brian

- Dragon Answers

- 4 Dragon soft

 - An arrazing line up of the star games

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Firmware This month we take a look at the Graphics and Sound graphics and sound sections of the Firmware Routiness Dragon 47656 Tandy 43235 The following ROM notines can be details of various commands like circle and register contains the address of the byte Dragge #2583 Taryon #25.00 Memory Map Sets the VDG into the made given in the A register. The mode will be displayed in community on the Dragon and Tanty mediately Reset LRG Pixel Set VDG Offset Donagoo 426/83 Tandy 43188 Draggo 63621 Tandy 35415 Sera the diplay offset for a graphics mode DRAW This couldness streets to all the Salect Page Dragon 43489 Tandy 36463 On entry the S resister contains the Number of twee court nor tree in. Select Cot See Dramon 63638 Tempy 58530 Enable Sound Dragon 67513 Tendy 43383 Enables 6 hit sound by paties hit 3 of the Territy 30420 Durant Y sursor position - not Deep Onegon 43364 Tandy 38398 This routine sounds a been for the tending Present 44600 Terror 90679 Dream 63300 Tayly 98314 The A sentetor contains the asci code of Current angle to be used in Current scale to be used in Reserve HRG PAM Tendy 38549 Reserves RAM for graphics and moves Oragon 43007 Tandy 38281

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Advanture from Problem

Cat and mouse! A game for four to six year olds from Steve Gathercole

LINES 160 - 450 data for the reserving

APPLAYS - St. - District MD - recome draw MU - nouse up. MR - mouse 1 8405 850 -- 1856 main loop LENGS 1879 - 1930 subroutines for co

LEVES 1980 - 1960 born tree tune LEVES 90 -- 240 points

DO CLG:PRINTER, "CAT AND MOUSE";

LPHAGET TEACHING GAME" FOR THE VERY YOUNG..."

HANG ON 6 MINUTE" DO PRODUCT DATA PICALS THE REAL PROPERTY AND USE AND USE AND USE

200 PCLS: 605UB 120 218 SET (8:00 - (24:24) : MD:G 228 POLS-SET (0, 6) - (24, 24) , SL, G: 909

820 DATA SO SO ST 182 181 SO SO A

310 GET 00, 00 - (24, 24) , MR, G

450 FOR K+0 TO 26: READ LES GO : NEXT

28 MY=79 MX=29 GOTO DOB 4R2F02GL28E4BR, NR302NR202R3BU4BR2 940 PCLS:PUT (0.0) - (24, 24) .HD.PSET LDE2SR, D45R3U2N, 3U2BR2, ND4BR2, BD4R 500 DATA DARDBUABRE, NDAFRENDABRE, N DAFTOURGEZ, NRODARDUADEZ, NDARDOZNI, D 510 DATA ND9R3D2L2F28LH8R2_8D4R3U2 918 PUT (175, 38) - (282, 54) , MR, PSET 520 DATA DEZDELZUEZUERZ, DENOZEUERZ 530 DATA NR2D4R2U4DR2, DDEND4DR2, R2 900 IF 28+A8 THEN GOSLIB 1290: GOTO 990 IF Z#COAR AND Z#CO** THEN GOOD 550 DRANTERT + STRE DOO +1, "+STRE CYY 570 B#+MID# GA#, K. 11 588 IF 8#>="0" AND D#<="9" THEN DR 1020 (00:120:YY=82:0RW*C1616*:606U ON MUNICIPAL IBRO 1 : BOTO 610 THE IT HEST THEN MAD IN SE MARKET 1838 IF SHAND OND YEAVE THEN 1500 1983 - 64 1098 IF NM:176 AND NM:130 AND YM:3 600 DRIN LES OU 630 POLSSI SCREEN 1.0 698 XXX-98: YY+38: 85: "CAT": DEGM*C291 LOGO IF MC<=10 AND VC=30 THEN GOTO 1090 TE MOSTERO AND WOLLDS AND WILL 658 300-75: YV-150: 68: "HOUSE": 18864"C 600 PLAYTOLT FOR NAT TO A PLAY TO 35 THEN GOTO 1250 1120 REM RIGHT

509 MCH. 11 07 (200 MCH. 11 130 MCH. 13

766 50006 166,5100060179159146471. 1100 FULLOS, VOL - 000124, VOL244, USL, PERLOS 10006 159,5 11000 FULLOS, VOL - 000124, VOL 200, VOL

": GORGE 150: SQUED 100,2 | T220 PUT 00,701 - D0:24,70 | 789 200: 200: V71 150: A52 = 07: ORDE 25,701 | SET 00: SQUED 100,2 | 50: SQUED 100,2 | 79: SSE 1100: V61 | CLOR 40: CLOR PUT 00,701 - 201, CLOR 80: CLOR PUT 00,701 - 201, CLOR PUT 00,701 - 20

2:MY=12:MX=12:GOTO See 12:50 REM UP LEFT 810 IF D4=72" THEN N=130:MY=12:MX= 12:60 PUT DX,YCI = D 987 12:CY=12:CX=12:GOTO 940 987 520 IF D4=73" THEN N=200:CX=24:CY= 12:70 YC=YC=CY:PUT.

D-CY: PUT O(C, YC) - (



1298 IF 305:170 AND VH-38 THEN GOT 1490 PUT DM, YM - DM+24, YM+261 , BL , P 1300 IF 320 - 100 660 YM3 - 30 660 YM5 198 THEN GOTO 1388 1210 IF 100=100 OR 100=60 AND VM= 1510 PUT 021, YM - 021+24, YM+24) , MU, P 1538 XX+88-YY-18-As-"YOU ARE HOME" -0864°C368°-00500-556 1558 PLAY 109V01T2L2C0+GL4G4L6GFL2E 1568 DI AVTI AGAI 66DI 201 AGDEDI 60DI 40 1398 PUT 004, VPD - 004+24, VM+240 . EL. F 1599 PLAY*01V31T2L466L866L46-A466F NATH YES OR NOT DRAW C256" GOSUB 1959 PUT COL. VID - COL. 29, VIL 291 - DL. F 1610 OS-INKEYS: IF OS-'Y" THEN 710 1620 IF OR" 'N' THEN END WOLLD LIKE TO WISH ALL OUR OUTTOWERS A VERY HERVY SMAR AND NEW TRAIL MANY TRAING

PROCES / NO SAME AND LAND. IMPORTANT NOTICE!! MADNESS and the

The Dragon's Claw Roy Content books at an inclinating your development in Citagon perspectation.





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The CAMC of Nim is one of the oldest games for two players, and certainly it or a variation is to be found in most countries and cubures. Nim is a game that san be

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Competition Corner

The profession task and services of the profession of the professi

plager to lask the half portion.

For example, in the pame belond remove either time, here four pedides from raw 'A', or elect pedides from raw 'B', or elect to remove from one to

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cidate on its treat move. That it has much cased to the treatment model of its color origin suppets any the game of his sucked to company any the proper of the sucked to company and the region of sucked has been considered and accidated in the Nation 1.6 feet, Company and accidated in the Nation 1.6 feet, machine weighted a bit and that them propriet and the sucked accident in accident standard surface of the part by contrast standard surface surface to the part by contrast part by contrast standard surface surface to the standard surface standard surfac 0 3880-0857 (1785) | 15 L P | 14 May 100 | 16 P | 17 H A STE 300 10 O JAN 10 P | 16 May 10 May 10 O JAN 10 P | 16 May 10 May 10 JAN 10 P | 17 May 10 May 10 JAN 10 P | 17 May 10 May 10 May 10 JAN 10 P | 17 May 10 May 10

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As a to-breaker, completes the looking serviance in 10 wands or "I want to visit a Dark Star Sec. Existing must reach Disques by the last working day in Creer The wildness will be amounted the Match 1990 Issue. The of

decision is final and no correspond once will be estend into. VISSECRS IT NEVER cesses is awaze up —

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