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Sideways ROM board

you must be accidency when by on you you come do not be removed by eventuring an ingrat accidency from toward. Produced by Have Developed to produced by Have Developed to the support collect which is supported and support to prevent our state of the support and the support of the support should rever be also did at event report should rever be also did at event report and the States of the Read to support the support of the States of the Read to appoint the non-tendence to the States of the Read appoint the non-tendence to 10 Maries and the States for all should be few additional commands. Name the few additional commands. Name the shallest the the Compose BASIC Prips.

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Ressing Dragon cartridges Many people have been so-u

and what a commands for that the same which enter IDS, often the first occasion is which enter IDS, often the first occasion and set such devices as 20%s and the 27%s. And the same set of 27%s. And the same set of 27%s and the same set of 27%s and the same set of 27%s. And the same set of 27%s a

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Fig. S. COMMANDS TO MANDS TO M

NO MANY, INDIANS INJUST HIS PARK ARE ASSESSED IN THE STATE OF THE STAT

Scramble

Steve Gathercole presents a graphic laser bike game

locatines, so I I have incorporated error checks at all the data statements. As a large amount of data in needed for the high ideal I have also used error checks in the graphics data. This should help readers to spe in the listing.

The object of the game is to break.

to fine. Machine code has been used the sound effects and scripting. Program like intending the same strains and scripting the limit 61-90 in and pole machine soon limit 1900 intending 1

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A memory map of all the user callabrough is included, as well as a last of the useful locations used by Fine. There are solitions on the DOS, the file transagement system, the other control of the ward writing poor own utility population. Assembly impuring examples are liberally seelfered throughout the lasts. Again the memoral referroughout the lasts. Again the memoral referroughout the lasts. and CLOACF to load it auxilia. Using the CDCC command with a skining, needed of an address, allows you like Pleas, each and directly in Pleas, such as D2CC 200 and a skining and a property by each CLOGG. IMPUT. PRINT etc. Please been seemed to handle up to eight files at come or either served fact, marchers access or lead like see his specified. Channel numbers of ere used.

are also extensions to 1 to use the hires 51 co so you effectively go s 14-ffes' cartridge but grams can be loaded an

Dragondos commands. This package aling neally intended as a cheap already as to a complicated Basic running under Pier Dragon programe. Privatly and present Dragon programe. Privatly, and present Privatly, also available for Chagon Pier i the MASS dislabeless, which is also created for the GSP operating system. The other or the GSP operating system is not a size about any face of record you wan such as personnel, customer, accounting or July State.

distriction in Storiett style — That is, yet in Aller is, yet in Aller is Aller of the Aller in Aller of the Aller in Aller of the Aller in Aller i

being system user, is proposity acro buying, set for the Assembler included in it, as this is certainly the most powerful have seen running on the Dragon. For the assembler-editor, if feet gets if or 1-3, but for an operating system would plump for CGS.

Flex disk & asrrvedit 286.2 Advanced Programmers guide 211.5





High-speed Compiler Brian Cadge looks at the Dynatist compiler from Composer 19 Table 8, one assistance in series in the rest look, control of the first 8 and 6 and 6

The vesser is set and decay. The vesser basic is since on the command is blave on at all time of the command is blave on at all time account of whether the command is opp or whether shought search has been sought search of Fir examination and a blave, the search of the charge of the First Ine program. Even if the program has just the program, then if the program has just the program. The commander in the program has just the program of the commander in the program who is a thing the commander in the program has just made. An interpreter in the reference in maps inefficient.

program, comin in program nosi, in time previously, no relat of lis posi male. An interpreter a frametine in suppressibilities.

Intermediate code

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for Of course, a complex carriet or code that is as efficient as a true ma code program, however, complete I rams can not many finder that can not many finder faster independed orbits.

The taxest flasts complex to appear to the Disgon is "Dysatted" from a pulsation in "Dysatted" from a pulsation — available either on day, of chridge. The version serviced here day.

Dynatest is capable of compiling

use of the advantages of a complier or changes are secessary. The conoffers both floating-point numbers (asby-normal Stack) and integer number the range –32798 to +32797. The astages at using integers is that they occupy has bytes per numbble, who floating pand numbers use 2 tryins, per variables are also accessed. I faster than floating-point once as the capabilities of the 6000 central proce-

opposition of the 6009 central sunt are used directly.

So, to get the best speeds of compiled programs, whether should be used wherever positional states of the part of the

recor the program or configured in the program of the designed with said file designed with a short poset, STEP file order key is pressed with each file has been completed, and PRIMT file count goes to the primary file country of the country of the primary of the country of the primary of the country of t

Por the Dragon Tailey
Color Computers
The compiled program is an using
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to the organization converted to the more teachers. By an observed to the converted to the

Print a number (1980v)

The major advantage of Dynafast over

DRAGON OPEN FILE

Meande



Lines 150-450 Date the h

> O Search for the end of the tr Line 772 checks whether is next space is season, and if it not causes a repeal search. If 700 Check for the two differs were of ending the name.



250 DBAN-8H14,36H224,46BH14,46H2 2,36* 200 DBAN-8H14,36H24,46BH14,46H2,86 250 DBAN-8H14,86HH10,92HN06H22,86 260 DBAN-8H14,156HR3H14,140HR9-270 DET(4,12)-(20,32),X,15 200 DET(4,22)-(20,32),X,15

200 Mar. 19.027 Line, mcr., T.D. 270 GET (19.1121-(29.1322), Z.G. 300 FOR X+6E TD 200 STEP 20 310 LINE(X, 12)-(X, 1722), PSET 310 LINE(X, 10)-(210, 174), PSET, P. 310 LINE(46, 10)-(210, 174), PSET, P. 310 LINE(46, 10)-(210, 174), PSET, P. 310 LINE(46, 17)-(200, 174), PSET, P. 310 LINE(46, 17)-(200, 174), PSET, P. 310 LINE(46, 17)-(200, 174), PSET, P. 310 MEXIV.

370 PUT(48,12)-(68,32),X,PBET 380 PUT(188,182)-(208,172),X,PBET 390 DBAM-98728,22),U1666854.6 400 DBAM-98728,56;U1666854.6 410 DBAM-98728,56;UN1606* 410 DBAM-98728,56;UN1606* 420 DBAM-98723,56;UN164451845184 420 DBAM-98723,44;UNN5244518454,8454

54**
430 DRAN**BM228,78; NRSUSARAUSKS**
440 DRAN**BM228,92; UTGRS**18381NLSM2
34,92**
450 LINE(221.108)-(241,128),PSET,R

Fig. 1. The board at the start of a game 10 REM MEANDER

10 NEH HWANGER 20 SEM INTIGALIZATION AND TITLES 30 DEMX(0,11),Y(0,11),Z(0,11),A(0, 40 PI==BMC29,IZZ;RZMMZUI462* 50 PZ==BMC27,IZZ;NSMUSEZR4E2U34C1 402*

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110 PRINTEZZA, DO YOU WANT INST TICKET (Y/M): 120 IS-INXIVELIF IS-- THEN 120 130 IF IS-Y THEN 190 140 REM DEAM BOARD

Franco Cher Estamo Long

460 REM PLAY 820 FOR I=1 TO 20:SCREEN 1,0:SOUND 470 FOR X=0 TO 91FOR Y=0 TO 91A(X. Y)=0:NEXT Y, X 100,1:SCREEN 1,1:SOUND 150,1:NEXT 480 A(1,1)=1:A(8,8)=1:X=50:Y=22:X1 830 CLS: IF Pol THEN PRINTESS, "PLA YER I LOSES BY BOING OFF FROM DIG 490 IF X1>208 OR X1<40 OR V1>172 D E PRINTEGE, "PLAYER 2 LOSES BY GOIN R YIC12 THEN 820 G OFF EDGE" 500 DN P 60T0 510,520 510 DRAW"CO"+P1#+"C5"+P2#+P+2+BOTO 840 FOR I=1 TO 1000; NEXT I 850 PRINTERS, "FRESS SPACEBAN FOR 520 DROW*CO**P2#+*C5**P1#*P=1 ANOTHER GAME, " 530 IS-INCEYSIF IS-" THEN 530 GGO IN-INCEYS: IF IN-" THEN GGO 540 IF 15C"X" OR 18>"Z" THEN 530 970 IF 18-" " THEN 150 ELSE STOP 550 ON AGC(19)-87 SOTO 540,580,400 980 REM INSTRUCTIONS 890 CL5 ,X,PSET:A((Y1-2)/20,(X1-38)/20)=1 900 PRINTEGS." THE DEJECT OF "MEAN 570 GOTO A30 DEW: IS TO COMPLETE A CONTINUOUS 580 PUT(X1-10,Y1-10)-(X1+10,Y1+10) LINE FROM THE TOP LEFT CORNER OF T .Y.PSET:A:(Y1-21/20,(X1-381/201=2 590 BOTO A30 . OR TO FORCE YOUR OPPONENT TO CA 600 PUT (X1-10, Y1-10) - (X1+10, Y1+10) RRY THE LINE OFF THE EDGE OF THE .Z.PSET:A((Y1-2)/20,(X1-38)/20)=3 DOARD. 910 PRINTIPRINT" SIMPLY TYPE IN TH 620 REM SEARCH FOR END OF LINE E LETTER OF THE PIECE YOU WISH Y 630 ON A ((Y1-2)/20, (X1-38)/20) BD O PLAY TO CONTINUE THE LINE." TO 640,680,720 920 PRINTERSI, PRESS ANY MEY TO CO 640 IF X1-X+20 THEN X-X1, Y-Y1, X1-1 *20:Y1=Y:80T0 760 ASO IF TI-X-20 THEN X-XI-Y-YI-XI-X 930 I#=INSEY#: IF I#="" THEN 930

-20+Y1=Y180TD 740 950 PRINTIPRINT" THE PIRST PIECE W AAO IF YI-Y-20 THEN X-XI-Y-YI-XI-O TILL BE PLACED ON THE SECOND SQUARE 1V1=Y-20180TD 740 OF THE TOP LINE, BO PLACING PIECE ATO IF Y1=Y+20 THEN X=X1:Y=Y1:X1=X 1Y1=Y+20190TD 7A0 Y AG THE FIRST HOVE OF A SAME AUTOMATICALLY LOSE THE ISSN AND IF X1-X+20 THEN X+X1:Y=Y1:X1-9 690 IF X1=X-20 THEN X=X1:Y=Y1:X1=9 760 PRINTESSA," PRESS ANY KEY TO P LAY. " 700 IF Y1=Y-20 THEN X=X1+Y=Y1+X1=9 970 IS-INCEYS: IF IS-" THEN 970 990 8010 150

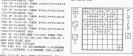


Fig. 2. A possible position after 29 moves. of Player 2 now plays piece 'X' he will lear.

100,1:SCREEN 1,1:SOUND 150,1:NEXT 800 CLSLIF POI THEN PRINTETL, "PLAY

1Y1=Y+20100TD 7A0

-201Y1=Y180TD 7A0

HEN 490 FLSE 670 780 REM END TITLES

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Program notes 340 PRINT*OR PRESS enter FOR PAGE

TO REM see DIRECTORY see 20 BPM * NITH EAST EDBMARD * 30 DEM # D DATERSON 7/04 #

40 FOR N=0 TO 18: READ X (N) , NP# (N):

70 CLS: PRINT0224, STRINGS (32, CHR# (1 721):STRING#(12,"*"):"DIRECTORY":S TRINGS (11, "+") | STRINGS (32, CHRECIAT

75 FOR D=1 TO 1000+NEXT+F3.50 90 C#="PLEASE PRESS FAST FORWARD K

90 DESTON THE TOPY RECORDERS

140 Js="LOADING"

150 P#="SORRY NOTHING LISTED YET" 160 C=195:D=198:E=232 180 PRINTSTRINGS (14, "*"); "MENU"; ST RING# (14, "+") | STRING# (32, CHR# (163))

170 PRINTERS, "PAGE 1 OF 2" 200 FOR N=1 TO 9/PRINT* TINET. "INPRINCINEXT N 210 PRINT*PLEASE SELECT DNE DF THE ABOVE T

230 INPUT NEIN-VAL (NE) 270 SOUND200,4:00TO 190

300 FOR I=1088 TO 1479:POKEI,143:N

320 FOR N= 10 TO 10:PRINT* "NI " . ": NP\$ (N) : NEXT N 330 PRINT"PLEASE SELECT ONE OF THE ABOVE*

350 INPUT NEIN-VAL (NE) 360 IF N=0 THEN 160 ELSE 370 370 IF N:10 OR N>18 THEN 380 ELSE

400 RFH + PAST LOCATION + 410 CLS+ LF NP# (N)="----" THEN PRINTED, PS: PRINT"PRESS 'C' TO CONT INUE": PRINT"OR PRESS 'R' TO RETURN TO MENU" ELSE BOTO 450

420 AS-INVEYS, IF AS-** THEN 420 430 IF A#="R" THEN 170 440 IF 88<>"C" THEN 420 450 CLS+IF No.1 THEN 500 455 PRINTEC,CS;" "DS,"

460 DE-INSTYS-IF DE-" " THEN 465 F 1 for 440 465 TIMER-OLMOTOR ON 490 IF TIMER/50>=X(N) THEN 490 ELS

490 MOTOR DEE 500 REM + LONDING + 510 CLS: IF NPE(N)="---- THEN PWINTED PRIFOR Mel TO 1000; NEXT PR INTTAPE POSITIONED FOR SAVING

PROGRAM "INVISTOR 520 PRINTEC.FS." "Ds." "FR 530 AM-INCEVE: IF DE-" " THEN 540 F 540 CLS:PRINTED,Js; " "INP#(N)

560 SCREEN 0,1:CLOAD 570 DATA 0, .0,----,10,----,16,----,24,--,32,----,40,--.40 --

---- 57,------0,----,87,-----,94,-----,101,-----,107,-----,114,---.121,----,130,----



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5	REM************************************	
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	O DRAW"RM130,178:81AC402	111026100
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	IU2HIU2E2U1E6R1E1R10F1RI	E18501828

1R46102F50381D362D1L104L204D1G1D1G 1D201D5** 30 D004F5H-15,-30;E3R3F2D1G2L161L1 H1L1H1U1E1** 40 D004F5H+10,+1;U2E2R2F1R1D1F162L 3G3**

50 DRANTSM-1,+10;UIHZBIHILIGILIGIL 16181F181E1RZF1E1RZ* 60 DRANTSM-1,-10;HIGIDIF1E1U1;DM-4

65 PRINT(120,160),4,4
70 DRAW-EM-10,-11,11-02027
100 DRAW-EM-10,-11,11-02027
70 PRINT(100,45),2,4
100 PRINT(150,55),2,4
110 DRAW-EM-10,000 (465F100L)
120 PRINT(250,179),4,4
130 CTRUCL(85,160),5,2
140 PRINT(05,160),2,2
150 FORL-ITCDSON MEXTI

160 PAINT(83,160),4,4 170 FOR[=1TOSOO:NEXTI 180 GOTO130

Stock control

1020 BEN DES (1-BESCRIPTION 1020 BEN DE 11-BESCRIPTION 1020 BEN BELL-WREET IN BITCH: 1020 BEN BELL-WREET IN BITCH: 1020 BEN BELL-WREET IN BITCH: 1020 BESCRIPTION IN BITCH: 1120 BESCRIPTION IN BITCH: 1130 BENCRIPTION IN BITCH: 1130 BENCRIPTION IN BITCH: 1140 BENCRIPTION IN BITCH: 1140 BENCRIPTION IN BITCH: 1150 BENCRIPTION IN

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