

0000:	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	.....	.....
0010:	10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F	.....	.....
0020:	20	21	22	23	24	25	26	27	28	29	2A	2B	2C	2D	2E	2F	.....	.....
0030:	30	31	32	33	34	35	36	37	38	39	3A	3B	3C	3D	3E	3F	01234567	89:;<=>?
0040:	40	41	42	43	44	45	46	47	48	49	4A	4B	4C	4D	4E	4F	@ABCDEFGH	IJKLMNOP
0050:	50	51	52	53	54	55	56	57	58	59	5A	5B	5C	5D	5E	5F	PQRSTUVWXYZ	[*\]^_`
0060:	60	61	62	63	64	65	66	67	68	69	6A	6B	6C	6D	6E	6F	abcdefg	hijklmno
0070:	70	71	72	73	74	75	76	77	78	79	7A	7B	7C	7D	7E	7F	pqrstuvw	xyz{ }~.
0080:	80	81	82	83	84	85	86	87	88	89	8A	8B	8C	8D	8E	8F	.....	.....
0090:	90	91	92	93	94	95	96	97	98	99	9A	9B	9C	9D	9E	9F	.....	.....
00A0:	A0	A1	A2	A3	A4	A5	A6	A7	A8	A9	AA	AB	AC	AD	AE	AF	.....	.....
00B0:	B0	B1	B2	B3	B4	B5	B6	B7	B8	B9	BA	BB	BC	BD	BE	BF	.....	.....
00C0:	C0	C1	C2	C3	C4	C5	C6	C7	C8	C9	CA	CB	CC	CD	CE	CF	.....	.....
00D0:	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	DA	DB	DC	DD	DE	DF	.....	.....
00E0:	E0	E1	E2	E3	E4	E5	E6	E7	E8	E9	EA	EB	EC	ED	EE	EF	.....	.....
00F0:	F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	FA	FB	FC	FD	FE	FF	.....	.....

←ビットマップ画像

↑バイナリダンゾ

↑対応する文字

■ バイナリからたの遊びかた

- 「JPEG」「ZIP」「ペイント画像」のような札を机に並べます
- それらのファイルの中身(バイナリダンゾ)をプロジェクトで投影します
- スパーン!!と札を取りましょう

■ まずはビットマップ画像を見てみよう!

- ファイルの中身の全体を画像化したもので、ファイルごとに特徴があります
- 英数字や記号の部分は赤、改行は緑、漢字は水色に見えます
- 圧縮されているデータは、ノイズっぽくなります(いろいろな色が乱雑に出ます)
- 様々な種類のデータがあると、地層のようになります

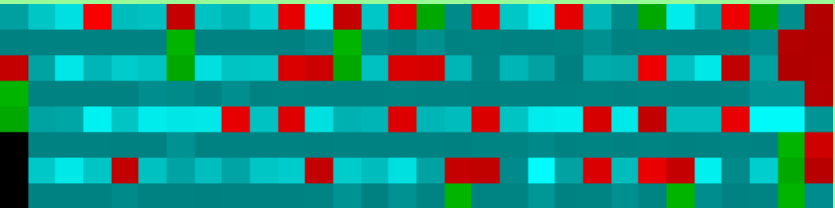
■ 対応する文字の部分を見てみよう!

- 読める文字列が入っているかもしれない

0000: 54 68 65 20 62 69 6E 61 72 79 20 6B 61 72 75 74 The binary karut  
0010: 61 20 69 73 20 61 20 63 6F 6D 70 65 74 69 74 69 a is a competition  
0020: 6F 6E 20 74 6F 20 62 72 69 6E 67 20 75 70 20 63 on to bring up c  
0030: 6F 6D 70 72 65 68 65 6E 73 69 6F 6E 20 6F 66 20 omprehension of  
0040: 74 68 65 20 62 69 6E 61 72 79 20 66 69 6C 65 2E the binary file.  
0050: 0A 54 68 65 20 77 61 79 20 69 73 20 73 69 6D 70 .The way is simp  
0060: 6C 65 20 61 6E 64 20 65 61 73 79 2E 0A 50 75 74 le and easy..Put  
0070: 20 74 68 65 20 63 61 72 64 73 20 74 68 61 74 20 the cards that  
0080: 74 68 65 20 6B 69 6E 64 20 6F 66 20 74 68 65 20 the kind of the  
0090: 66 69 6C 65 20 77 61 73 20 77 72 69 74 74 65 6E file was written  
00A0: 20 6F 6E 20 74 68 65 20 64 65 73 6B 2E 0A 50 72 on the desk..Pr  
00B0: 6F 6A 65 63 74 20 74 68 65 20 64 75 6D 70 20 6F oject the dump o  
00C0: 66 20 74 68 65 20 66 69 6C 65 20 69 6E 20 61 20 f the file in a  
00D0: 70 72 6F 6A 65 63 74 6F 72 2E 0A 54 61 6B 65 20 projecto r..Take  
00E0: 74 68 65 20 63 61 72 64 20 63 6F 72 72 65 73 70 the card corresp  
00F0: 6F 6E 64 69 6E 67 20 74 6F 20 74 68 65 20 64 75 onding t o the du  
0100: 6D 70 2E 0A

The binary karut  
a is a competition  
on to bring up c  
omprehension of  
the binary file.  
.The way is simp  
le and easy..Put  
the cards that  
the kind of the  
file was written  
on the desk..Pr  
oject the dump o  
f the file in a  
projecto r..Take  
the card corresp  
onding t o the du  
mp..

0110:  
0120:  
0130:  
0140:  
0150:  
0160:  
0170:  
0180:  
0190:  
01A0:  
01B0:  
01C0:  
01D0:  
01E0:  
01F0:



0000:	32 30 32 34	94 4E 38 8C	8E 33 31 93	FA 0D 0A 0D	2024.N8.	.31.....
0010:	0A 8D A1 93	FA 82 CD 83	6F 83 43 83	69 83 8A 82	.....	o.C.i....
0020:	A9 82 E9 82	BD 82 F0 8D	EC 82 C1 82	BD 81 44 0D	.....	.....D.
0030:	0A 83 6F 83	43 83 69 83	8A 82 A9 82	E9 82 BD 90	...o.C.i...	.....
0040:	B6 90 AC 83	56 83 58 83	65 83 80 82	F0 82 A2 82	...V.X.e...	.....
0050:	EB 82 A2 82	EB 89 FC 97	C7 82 B5 82	C4 83 8A 83	.....	.....
0060:	6A 83 85 81	5B 83 41 83	8B 82 B5 82	BD 81 44 0D	j...[.A.	...f.L...D.
0070:	0A 90 56 82	B5 82 A2 83	66 81 5B 83	5E 82 E0 92	...V....	...f.L...D.
0080:	C7 89 C1 82	B5 82 BD 81	44 0D 0A 82	B1 82 CC 93	.....	...D...C.
0090:	FA 8B 4C 82	E0 81 43 83	66 81 5B 83	5E 82 CC 82	...L...C.	...f.L...9...
00A0:	D0 82 C6 82	C2 82 C6 82	B5 82 C4 8E	67 82 A4 82	.....	...D...C.
00B0:	C2 82 E0 82	E8 82 BE 81	44 0D 0A 8A	E6 92 A3 82	.....	...D...C.
00C0:	C1 82 C4 8D	EC 82 C1 82	BD 82 CC 82	C5 81 43 8A	.....	...D...C.
00D0:	79 82 B5 82	F1 82 C5 82	E0 82 E7 82	A6 82 E9 82	y.....	...D...
00E0:	C6 82 A2 82	A2 82 C8 82	A0 81 44 0D	0A	.....	...D...
00F0:						

0100:  
0110:  
0120:  
0130:  
0140:  
0150:  
0160:  
0170:  
0180:  
0190:  
01A0:  
01B0:  
01C0:  
01D0:  
01E0:  
01F0:

0000: 3C 68 74 6D 6C 3E 0A 3C 68 65 61 64 3E 0A 3C 74  
0010: 69 74 6C 65 3E A5 D0 A5 A4 A5 CA A5 EA A4 AB A4  
0020: EB A4 BF 3C 2F 74 69 74 6C 65 3E 0A 3C 6D 65 74  
0030: 61 20 68 74 74 70 2D 65 71 75 69 76 3D 22 43 6F  
0040: 6E 74 65 6E 74 2D 54 79 70 65 22 20 63 6F 6E 74  
0050: 65 6E 74 3D 22 74 65 78 74 2F 68 74 6D 6C 3B 20  
0060: 63 68 61 72 73 65 74 3D 45 55 43 2D 6F 64 79 20  
0070: 0A 3C 2F 68 65 61 64 3E 0A 0A 3C 62 6F 64 79 20  
0080: 62 67 63 6F 6C 6F 72 3D 67 72 65 65 6E 20 74 65  
0090: 78 74 3D 77 68 69 74 65 20 6C 69 6E 6B 3D 79 65  
00A0: 6C 6C 6F 77 20 76 6C 69 6E 6B 3D 62 6C 61 63 6B  
00B0: 3E 0A 0A 3C 63 65 6E 74 65 72 3E 0A 3C 68 31 3E  
00C0: A5 D0 A5 A4 A5 CA A5 EA A4 AB A4 EB A4 BF 3C 2F  
00D0: 68 31 3E 0A 3C 2F 63 65 6E 74 65 72 3E 0A 0A 3C  
00E0: 70 3E 0A A5 CF A5 C3 A5 B7 A5 E5 A5 BF A5 B0 A4  
00F0: CF A1 D6 23 62 69 6E 6B 61 72 75 74 61 A1 D7 A4  
0100: C7 A4 B9 A1 A5 0A 0A 3C 70 3E 0A 3C 68 32 3E 0A  
0110: CC DC BC A1 0A 3C 2F 68 32 3E 0A 0A 3C 75 6C 3E  
0120: 0A 3C 6C 69 3E B3 B5 CD D7 0A 20 20 3C 75 6C 3E  
0130: 0A 20 20 3C 6C 69 3E 3E 3C 61 20 68 72 65 66 3D 22  
0140: 23 77 68 61 74 69 73 62 69 6E 6B 61 72 75 74 61  
0150: 22 3E A5 D0 A5 A4 A5 CA A5 EA A4 AB A4 EB A4 BF  
0160: A4 C8 A4 CF B2 BF A4 AB A1 A9 3C 2F 61 3E 0A 20  
0170: 20 3C 6C 69 3E 3C 61 20 68 72 65 66 3D 22 23 72  
0180: 75 6C 65 22 3E A4 C9 A4 CE A4 E8 A4 A6 A4 CA B6  
0190: A5 B5 BB A4 AB A1 A9 3C 2F 61 3E 0A 20 20 3C 2F  
01A0: 75 6C 3E 0A 3C 2F 75 6C 3E 0A 0A 3C 70 3E 0A 3C  
01B0: 68 32 3E B3 B5 CD D7 3C 2F 68 32 3E 0A 0A 3C 70  
01C0: 3E 0A 3C 61 20 6E 61 6D 65 3D 22 77 68 61 74 69  
01D0: 73 62 69 6E 6B 61 72 75 74 61 22 3E 3C 68 33 3E  
01E0: A2 A3 20 A5 D0 A5 A4 A5 CA A5 EA A4 AB A4 EB A4  
01F0: BF A4 C8 A4 CF B2 BF A4 AB A1 A9 3C 2F 68 33 3E

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ntent-Type" cont  
ent="text/html";  
charset= EUC-JP">  
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xt=white link=ye  
llow vli nk=black  
>..<cent er>.<h1  
>..<... ..</  
h1>.</ce nter>..<  
p>... ..#bink aruta...  
... ..< p>.<h2>.  
... ..</h 2>..<ul>  
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.. ..<li>< a href=" #whatish inkaruta  
">... ..</a>..  
.. ..<li><a href="#r  
ule">... ..</a>..  
.. ..</ul> ..<p>.<  
h2>... ..</h2>..<p  
>.<a nam e="what  
ishinkaru ta"><h3>  
... ..</h3>



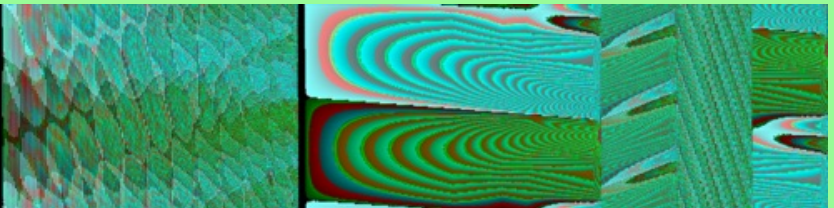
```
0000: 42 4D 8A 00 01 00 00 00 00 00 8A 00 00 00 8A 00 00 00 7C 00 BM.....|
0010: 00 00 80 00 00 00 80 00 00 00 01 00 00 00 01 00 20 00 03 00 .....
0020: 00 00 00 00 01 00 12 0B 00 00 12 0B 00 00 12 0B 00 00 00 00 .....
0030: 00 00 00 00 00 00 00 00 FF 00 00 FF 00 00 FF 00 00 FF 00 .....
0040: 00 00 00 00 00 FF 01 00 00 00 00 00 00 00 00 00 00 00 00 .....
0050: 00 00 54 B8 1E FC 00 00 00 00 00 00 00 00 C4 F5 28 FF 00 00 f.T.....if
0060: 66 FC 00 00 00 00 00 00 00 00 00 00 04 00 00 00 00 00 .....
0070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
..... Skipped same lines .....
```

```
0370: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF 00 00 .....
0380: 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 .....
0390: 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 .....
..... Skipped same lines .....
```

```
03B0: 00 FF 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
03C0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
03D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
..... Skipped same lines .....
```

```
0570: 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 90 EE .....
0580: 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE .....
0590: 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE .....
05A0: 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE .....
05B0: 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 .....
05C0: 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 00 FF 00 00 .....
05D0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
05E0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
..... Skipped same lines .....
```

```
0760: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 FF 00 00 .....
0770: 00 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE .....
0780: 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE .....
0790: 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE 90 FF 90 EE .....
..... Skipped same lines .....
```

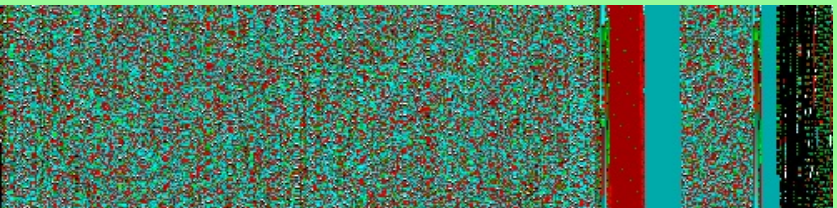


0000: 52 49 46 46 10 67 07 00 57 41 56 45 66 6D 74 20 RIFF.g... WAVfmt  
0010: 10 00 00 00 01 00 01 00 44 AC 00 00 88 58 01 00 D...X..  
0020: 02 00 10 00 64 61 74 61 EC 66 07 00 00 00 00 00 ..data f...  
0030: 0F 03 DB 07 00 0E F9 14 26 1C 8A 22 F2 26 46 29 &..."&f...  
0040: 5A 2A D6 2A F2 2A B8 2A 43 2A 8F 29 B2 28 A9 27 Z\*...\*(\*\*)(',  
0050: 42 26 FF 24 92 23 25 22 97 20 D1 1E 41 1D 9D 1B B&.\$.%%" A..  
0060: F5 19 45 18 9C 16 F9 14 5E 13 C0 11 47 10 CB 0E E...G..  
0070: 81 0D D0 0B F7 0A D1 09 0F 09 4D 08 DD 07 72 07 E...M...r..  
0080: 50 07 2A 07 4C 07 21 07 80 07 60 07 92 07 54 07 P\*.L.i...T..  
0090: 49 07 D6 06 F1 06 70 06 5F 06 31 06 2B 06 07 06 I...p...1.+..  
00A0: 27 06 14 06 08 06 D6 05 94 05 1E 05 86 04 DA 03 ,... ..J..  
00B0: CD 02 F6 01 A7 00 BA FF 82 FE A8 FF 5D FC 9C FB .. ..  
00C0: 70 FA FE F9 EC F8 DD F8 FB F7 62 F8 C0 F7 D2 F8 p...I...b...S..  
00D0: 83 F8 70 FA 49 FA 4C FD 72 FD C7 00 BF 00 53 04 ..p.I.L...r...S..  
00E0: 73 03 1E 07 BB 04 7B 08 85 04 7B 08 1B 03 C3 07 s...{...{...d.S..  
00F0: E9 00 A1 06 46 FE 12 05 3C FB B8 03 64 F8 53 02 ..F...<...d.S..  
0100: E9 F5 07 01 D6 F3 DE FF 95 F2 F9 FE 19 F2 5D FE P...M...j...J..  
0110: 50 F2 F2 FD E7 F2 4D FD C4 F3 AF FC 6A F4 9E FB ..S...l.../B..  
0120: E3 F4 84 FA 53 F5 7D F9 E7 F5 BE F8 6C F6 2C F8 .. .. ..  
0130: B1 F6 96 F7 5E F6 7F F6 0D F5 AA F4 2F F3 42 F2 .. .. ..  
0140: C9 F0 71 EF E7 ED 5F EC D0 EA 23 E9 98 E7 EF E5 ..q...\_...#..  
0150: 58 E4 C8 E2 39 E1 B9 DF F6 DD AA DC 9B DB 67 DA X...9...g..  
0160: 5F D9 73 D8 B4 D7 1D D7 B7 DD 88 D6 98 D6 F4 D6 -s... ..I... ..  
0170: 9A D7 9A D8 F9 D7 C2 DB FE DD 21 E1 84 EA 5E E2 ..H.(.6... ..J..  
0180: A2 EC 48 F1 28 F6 36 FB 83 00 16 06 EA 27 1B 27 r...X&.(...)(...  
0190: 72 19 BA 20 58 26 CA 28 0F 21 A1 1F 11 1E 8C 1C l&.\$.%v" i...  
01A0: 21 26 FE 24 CF 23 76 22 6F 14 DC 12 FF 10 C0 0F 4... ..o... ..F..  
01B0: E0 1A 34 19 AA 17 07 16 B7 09 FD 08 46 08 CA 07 H... ..#S...=..  
01C0: 48 0E 0B 0D D1 0B C8 0A 23 07 53 07 60 07 3D 07 q.E.\$.?..?w...  
01D0: 71 07 45 07 24 07 3F 07 A0 06 3F 06 57 06 F7 05 T... ..?..  
01E0: 54 07 18 07 24 06 B2 05 DA 05 3F 05 20 05 F9 03 8...\$. ..?..  
01F0: 38 06 E0 05 24 06 B2 05 DA 05 3F 05 20 05 F9 03 8...\$. ..?..

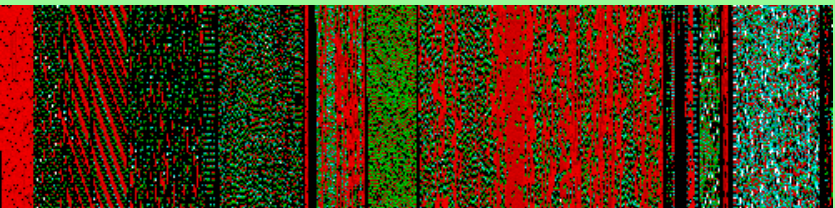
0000: 25 50 44 46 2D 31 2E 34 0A 25 E2 E3 CF D3 0A 34 %PDF-1.4 %...4  
0010: 20 30 20 6F 62 6A 0A 0A 3C 3C 0A 2F 46 69 6C 74 0 obj.<< /Filt  
0020: 65 72 20 2F 46 6C 61 74 65 44 65 63 6F 64 65 0A er /Flat eDecode  
0030: 2F 4C 65 6E 67 74 68 20 31 38 37 38 0A 3E 3E 0A /Length 1878.>>  
0040: 73 74 72 65 61 6D 0A EF DC FE 1A 8B 18 70 8A 68 stream... p.h  
0050: 2F 63 4F AB 89 A4 62 31 82 82 98 5F 7B AB E2 F3 /co.. b1 {...  
0060: 8F 90 F0 CF 8A 7D C5 73 13 E2 53 5A 92 BD 70 76 } s ..SZ..pv  
0070: F0 5A F1 8F 35 DA 04 EE 45 9C EA E1 BE C3 68 50 .Z..5...E...hp  
0080: 2B 44 FB EC 23 7B 03 A6 50 BA A0 BD AF E6 DC 72 +D,#{...P...r  
0090: C6 FE D4 27 9A 7C D6 EE E2 C5 B3 FE 7B 32 05 9C ..,|...k2..  
00A0: E4 E7 C9 A8 C3 B2 D9 F8 92 50 2A E3 6A 58 0A 0D ..P\*.zX..  
00B0: 44 13 67 E0 15 09 80 CF 44 A8 FD 21 AD 0F D6 1B D.g....D..l..  
00C0: BD 17 7A CC 1C 52 73 5E 8E BE 03 3D 73 2B 1C 7D .z..Rs^ ..=st..}  
00D0: D1 56 CB 80 FD 9C 96 65 87 DF 50 BD 84 B9 6E 4F .V...e...P...n0  
00E0: B3 3F A2 60 F9 D4 51 A9 44 86 60 FA EA 77 67 55 .?...Q..D...wgu  
00F0: D2 66 7C 55 7F F0 AC 5C 9E 01 B9 03 8F 78 DB 3B .f|U...x...  
0100: 63 09 F5 A1 5A DB 2B 59 53 C6 6A 66 69 39 65 64 c...Z.+Y S,jfi9ed  
0110: B9 48 56 8C 54 CC 55 28 15 03 48 61 F5 07 55 50 .HV.T.U( ...Ha..UP  
0120: A5 71 51 EA 62 A2 05 78 AC 9E 0A 82 71 A0 E4 F9 .qQ.b..x....q..  
0130: D3 4B 61 47 44 83 E0 BF CC 5F 05 8F 04 11 5C 3C .KaGd...0.....<#<  
0140: 31 11 B0 15 84 DB F9 DC 04 4F 82 A7 0A A3 2D 5F 1.....0.....-<  
0150: F2 8B 55 FA AC 1D 60 4E 61 10 F2 08 24 A7 8A 5E .U...`N a...\$....<  
0160: 53 50 EA 0C 23 B5 0F 10 C2 8E 97 88 F7 96 E1 4F SP.#...TD S0dX#...0  
0170: DE 14 06 C5 E7 04 54 44 53 30 64 58 5C AF BE AA f..LcE..u ..+Z..W  
0180: 66 BA 97 4C 63 45 13 75 B4 91 2B 9E 5A 96 8E 57 W4K..h..3.t.%m..  
0190: 57 34 4B CF 96 9E 68 03 33 01 74 A4 25 6D CA B6 \*....J.3...|...'  
01A0: 15 2A F6 02 0F 5D 19 33 22 BD 8A 7C CD 2C 94 DC ...J.?...x=%..  
01B0: 91 EF D8 8D 4A D9 3F CC 87 FE 8B 78 3D D6 25 9E M.'.#91...rL.C.l  
01C0: 4D D6 27 B3 23 39 31 88 FA D5 BF 1B A9 C1 DC 81 tAE./...H.=.P...0...<#<  
01D0: 74 41 45 B7 FF 50 A2 88 9F 19 30 0B F5 BC E8 A2 ..OR..|...<#<  
01E0: 48 87 3D 9B AD 4F 52 92 13 7C 9C 98 01 5C B8 96 ..OR..|...<#<  
01F0: BC D4 C1 BC AD 4F 52 92 13 7C 9C 98 01 5C B8 96 ..OR..|...<#<

0000:	50 4B 03 04 0A 00 00 00 00 00 00 AE A1 1A 43 00 00 PK.....C..
0010:	00 00 00 00 00 00 00 00 00 00 06 00 1C 00 63 72 .....
0020:	6F 73 73 2F 55 54 09 00 03 57 38 1B 52 54 AF 67 oss/UT...wB.RT.9
0030:	52 75 78 0B 00 01 04 E9 03 00 00 04 E9 03 00 00 Rux.....
0040:	50 4B 03 04 0A 00 00 00 00 00 CB A4 1A 43 00 00 PK.....C..
0050:	00 00 00 00 00 00 00 00 00 00 0C 00 1C 00 63 72 .....
0060:	6F 73 73 2F 62 75 69 6C 64 2F 55 54 09 00 03 2E oss/buil d/UT....cr
0070:	3E 1B 52 54 AF 67 52 75 78 0B 00 01 04 E9 03 00 > RT. gRu x.....
0080:	00 04 E9 03 00 00 50 4B 03 04 0A 00 00 00 00 00 .....
0090:	CB A4 1A 43 00 00 00 00 00 00 00 00 00 00 00 .....
00A0:	15 00 1C 00 63 72 6F 73 73 2F 62 75 69 6C 64 2F .....
00B0:	62 69 6E 75 74 69 6C 73 2F 55 54 09 00 03 2E 3E binutils /UT....>
00C0:	1B 52 54 AF 67 52 75 78 0B 00 01 04 E9 03 00 00 .....
00D0:	04 E9 03 00 00 50 4B 03 04 14 00 00 00 08 00 CB .....
00E0:	A4 1A 43 C5 CC 89 F1 4A 00 00 00 5A 00 00 00 1F .....
00F0:	00 1C 00 63 72 6F 73 73 2F 62 75 69 6C 64 2F 62 .....
0100:	69 6E 75 74 69 6C 73 2F 69 6E 73 74 61 6C 6C 2E .....
0110:	73 68 55 54 09 00 03 2E 3E 1B 52 49 AF 67 52 75 inutils/ install.
0120:	78 0B 00 01 04 E9 03 00 00 04 E9 03 00 00 53 56 shUT....> RT. gRu
0130:	D4 4F CA CC D3 2F CE E0 E2 CA 2F 48 2D 4A 2C C9 x.....SV
0140:	CC CF B3 55 CA CC 2B 2E 49 CC C9 51 E2 E2 4A C9 .....
0150:	8F 4F 2A CD CC 49 B1 4D 4B CC 29 4E 05 71 A1 72 .....
0160:	B6 25 45 A5 60 7E 72 4E 6A 62 1E 54 9A 4B 4F 41 .....
0170:	4F 1F 28 A9 07 34 0F 00 50 4B 03 04 1A 00 00 00 .....
0180:	08 00 CB A4 1A 43 AF 58 CA 76 4A 00 00 00 58 00 .....
0190:	00 00 1D 00 1C 00 63 72 6F 73 73 2F 62 75 69 6C .....
01A0:	64 2F 62 69 6E 75 74 69 6C 73 2F 62 75 69 6C 64 .....
01B0:	2E 73 68 55 54 09 00 03 2E 3E 1B 52 49 AF 67 52 .....
01C0:	75 78 0B 00 01 04 E9 03 00 00 04 E9 03 00 00 53 .....
01D0:	56 D4 4F CA CC D3 2F CE E0 E2 CA 2F 48 2D 4A 2C .....
01E0:	C9 CC CF B3 55 4A 2A CD CC 49 51 E2 E2 4A C9 8F .....
01F0:	07 33 6D 4B 8A 4A 53 41 BC CC BC E2 92 C4 9C 1C .....
	3mK.JSA .....





0000: FF D8 FF E1 33 FE 45 78 69 66 00 00 49 49 2A 00	.....3.Ex if. II*.
0010: 08 00 00 00 0A 00 0E 01 02 00 20 00 00 00 86 00	.....
0020: 00 00 0F 01 02 00 06 00 00 00 A6 00 00 00 10 01	.....
0030: 02 00 19 00 00 00 AC 00 00 00 12 01 03 00 01 00	.....
0040: 00 00 01 00 00 00 1A 01 05 00 01 00 00 00 CC 00	.....
0050: 00 00 1B 01 05 00 01 00 00 00 D4 00 00 00 28 01	.....(.
0060: 03 00 01 00 00 00 02 00 00 00 32 01 02 00 14 00	.....2.....
0070: 00 00 DC 00 00 00 13 02 03 00 01 00 00 00 02 00	.....i.....
0080: 00 00 69 87 04 00 01 00 00 00 F0 00 00 00 00 0F	.....
0090: 00 00 20 20 20 20 20 20 20 20 20 20 20 20 20	.....
00A0: 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	.....
00B0: 20 00 43 61 6E 6F 6E 00 43 61 6E 6F 6E 20 50 6F	.....
00C0: 77 65 72 53 68 6F 74 20 53 58 31 33 30 20 49 53	.....
00D0: 00 FF FF FF FF FF FF FF B4 00 00 00 01 00 00 00	.....Canon. Canon Po
00E0: B4 00 00 00 01 00 00 00 32 30 31 33 3A 31 30 3A	.....SX130 IS
00F0: 32 30 20 31 35 3A 32 30 3A 33 30 00 21 00 9A 82	.....2013:10:
0100: 05 00 01 00 00 00 82 02 00 00 9D 82 05 00 01 00	.....20 15:20 :30.1...
0110: 00 00 8A 02 00 00 27 88 03 00 01 00 00 00 C8 00	.....,
0120: 00 00 30 88 03 00 01 00 00 00 04 00 00 00 00 90	.....0.....
0130: 07 00 04 00 00 00 30 32 33 30 03 90 02 00 14 00	.....02 30.....
0140: 00 00 92 02 00 00 04 90 02 00 14 00 00 00 A6 02	.....
0150: 00 00 01 91 07 00 04 00 00 00 01 02 03 00 02 91	.....
0160: 05 00 01 00 00 00 BA 02 00 00 01 92 0A 00 01 00	.....
0170: 00 00 C2 02 00 00 02 92 05 00 01 00 00 00 CA 02	.....
0180: 00 00 04 92 0A 00 01 00 00 00 D2 02 00 00 05 92	.....
0190: 05 00 01 00 00 00 DA 02 00 00 07 92 03 00 01 00	.....i.....
01A0: 00 00 05 00 00 00 09 92 03 00 01 00 00 00 10 00	.....
01B0: 00 00 0A 92 05 00 01 00 00 00 E2 02 00 00 7C 92	.....I.
01C0: 07 00 C0 0A 00 00 EA 02 00 00 86 92 07 00 08 01	.....
01D0: 00 00 AA 0D 00 00 00 A0 07 00 04 00 00 00 30 31	.....01
01E0: 30 30 01 A0 03 00 01 00 00 00 01 00 00 00 02 A0	.....00.....
01F0: 03 00 01 00 00 00 80 02 00 00 03 A0 03 00 01 00	.....



0000:	4D 5A 90 00 00 00 00 00	03 00 00 00 00 00 00 00	04 00 00 00 00 00 00 00	FF FF 00 00 00 00 00 00	MZ.....@.....
0010:	B8 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	40 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....@.....
0020:	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....@.....
0030:	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	80 00 00 00 00 00 00 00	.....@.....
0040:	0E 1F BA 0E 00 B4 09 CD	21 B8 01 4C CD 21 54 68	is progr am canno	.....I..L..lTh	.....
0050:	69 73 20 70 72 6F 67 72	61 6D 20 63 61 6E 6E 6F	t be run in DOS	.....\$.....	.....
0060:	74 20 62 65 20 72 75 6E	20 69 6E 20 44 4F 53 20	mode.....	.....s.j.f....	.....
0070:	6D 6F 64 65 2E 0D 0D 0A	73 6A D0 66 00 20 01 00	PE..L.....	.....M.....	.....
0080:	50 45 00 00 4C 01 11 00	0B 01 02 28 00 28 00 00	.....D.....	.....@.....	.....
0090:	4D 04 00 00 E0 00 06 01	70 15 00 00 00 10 00 00	.....@.....	.....@.....	.....
00A0:	00 44 00 00 00 02 00 00	00 04 00 00 00 02 00 00	.....@.....	.....@.....	.....
00B0:	00 40 00 00 00 00 40 00	04 00 00 00 00 03 00 40 01	.....@.....	.....@.....	.....
00C0:	04 00 00 00 01 00 00 00	00 06 00 00 00 10 00 00	.....@.....	.....@.....	.....
00D0:	00 E0 01 00 00 06 00 00	8B EA 01 00 00 00 00 00	.....@.....	.....@.....	.....
00E0:	00 00 20 00 00 10 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
00F0:	00 00 00 00 10 00 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0100:	00 80 00 00 48 05 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0110:	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0120:	00 B0 00 00 98 01 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0130:	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0140:	04 A0 00 00 18 00 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0150:	00 00 00 00 00 00 00 00	18 81 00 00 00 C8 00 00 00	.....@.....	.....@.....	.....
0160:	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
0170:	00 00 00 00 00 00 00 00	2E 74 65 78 74 00 00 00	.....@.....	.....@.....	.....
0180:	C4 27 00 00 00 10 00 00	00 28 00 00 00 06 00 00	.....@.....	.....@.....	.....
0190:	00 00 00 00 00 00 00 00	00 00 00 00 60 00 00 60	.....@.....	.....@.....	.....
01A0:	2E 64 61 74 61 00 00 00	00 40 00 00 00 40 00 00	.....@.....	.....@.....	.....
01B0:	00 02 00 00 00 2E 00 00	00 00 00 00 00 00 00 00	.....@.....	.....@.....	.....
01C0:	00 00 00 00 40 00 00 C0	2E 72 64 61 74 61 00 00	.....@.....	.....@.....	.....
01D0:	C0 02 00 00 00 50 00 00	00 04 00 00 00 30 00 00	.....@.....	.....@.....	.....
01E0:	00 00 00 00 00 00 00 00	00 00 00 00 40 00 00 40	.....@.....	.....@.....	.....
01F0:	2F 34 00 00 00 00 00 00	B8 08 00 00 00 60 00 00	.....@.....	.....@.....	.....