

Forensix Hex Dump Demo

Basic Hex Dump

```
00000000 4D 5A 90 00 03 00 00 00 04 00 00 00 FF FF 00 00 |MZ.....|
00000010 B8 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 |.....@.....|
00000020 00 00 00 00 00 00 00 00 DE AD BE EF 0A          |.....|
```

Highlighted & Annotated

```

MZ
00000000 4D 5A 90 00 03 00 00 00 |MZ.....|
                                testwrap
00000008 04 00 00 00 FF FF 00 00 |.....|
00000010 B8 00 00 00 00 00 00 00 |.....|
00000018 40 00 00 00 00 00 00 00 |@.....|
00000020 00 00 00 00 00 00 00 00 |.....|
EOPGS
00000028 DE AD BE EF 0A          |.....|
```

Custom Styling

```

BlueHeader
00000000 4D 5A 90 00 03 00 00 00 04 00 00 00 FF FF 00 00 |MZ.....|
00000010 B8 00 00 00 00 00 00 00 40 00 00 00 00 00 00 00 |.....@.....|
                                RangeStart
00000020 00 00 00 00 00 00 00 00 DE AD BE EF 0A          |.....|
```

Annotations with Custom Colors

```

Start                               Space                               End
00000000 48 65 6C 6C 6F 20 57 6F 72 6C 64          |Hello World|
```

File Input (reading typst.toml)

```
00000000 5B 70 61 63 6B 61 67 65 |[package|
00000008 5D 0A 6E 61 6D 65 20 3D |].name =|
00000010 20 22 66 6F 72 65 6E 73 | "forens|
00000018 69 78 22 0A 76 65 72 73 |ix".vers|
00000020 69 6F 6E 20 3D 20 22 30 |ion = "0|
00000028 2E 31 2E 30 22 0A 65 6E |.1.0".en|
00000030 74 72 79 70 6F 69 6E 74 |trypoint|
00000038 20 3D 20 22 6C 69 62 2E | = "lib.|
```

00000040 74 79 70 22 0A 61 75 74 |typ".aut|
00000048 68 6F 72 73 20 3D 20 5B |hors = [|
00000050 22 74 65 69 73 6D 61 72 |"teismar|
00000058 22 5D 0A 6C 69 63 65 6E |"].licen|
00000060 73 65 20 3D 20 22 4D 49 |se = "MI|
00000068 54 22 0A 64 65 73 63 72 |T".descr|
00000070 69 70 74 69 6F 6E 20 3D |iption =|
00000078 20 22 41 20 70 61 63 6B | "A pack|
00000080 61 67 65 20 66 6F 72 20 |age for |
00000088 72 65 6E 64 65 72 69 6E |renderin|
00000090 67 20 70 72 65 74 74 79 |g pretty|
00000098 20 68 65 78 20 64 75 6D | hex dum|
000000a0 70 73 20 61 6E 64 20 66 |ps and f|
000000a8 6F 72 65 6E 73 69 63 73 |orensics|
000000b0 20 61 72 74 69 66 61 63 | artifac|
000000b8 74 73 2E 22 0A 6B 65 79 |ts.".key|
000000c0 77 6F 72 64 73 20 3D 20 |words = |
000000c8 5B 22 68 65 78 64 75 6D |["hexdum|
000000d0 70 22 2C 20 22 66 6F 72 |p", "for|
000000d8 65 6E 73 69 63 73 22 2C |ensics",|
000000e0 20 22 64 61 74 61 20 76 | "data v|
000000e8 69 73 75 61 6C 69 7A 61 |isualiza|
000000f0 74 69 6F 6E 22 5D 0A 63 |tion"].c|
000000f8 61 74 65 67 6F 72 69 65 |ategie|
00000100 73 20 3D 20 5B 22 76 69 |s = ["vi|
00000108 73 75 61 6C 69 7A 61 74 |sualizat|
00000110 69 6F 6E 22 2C 20 22 63 |ion", "c|
00000118 6F 6D 70 6F 6E 65 6E 74 |omponent|

```

00000120 73 22 5D 0A 72 65 70 6F |s"].repo|
00000128 73 69 74 6F 72 79 20 3D |sitory =|
00000130 20 22 68 74 74 70 73 3A | "https:|
00000138 2F 2F 67 69 74 68 75 62 |//github|
00000140 2E 63 6F 6D 2F 74 65 69 |.com/tei|
00000148 73 6D 61 72 2F 74 79 70 |smar/typ|
00000150 73 74 2D 66 6F 72 65 6E |st-foren|
00000158 73 69 78 22 0A          |six".  |

```

String Input

```

00000000 48 65 6C 6C 6F 20 57 6F      72 6C 64 20 66 72 6F 6D |Hello World from|
00000010 20 46 6F 72 65 6E 73 69      78 21                      | Forensix!      |

```

Partial Partial (Ranges)

```

00000000 5B 70 61 63 6B 61 67 65      5D 0A 6E 61 6D 65 20 3D |[package].name =|
                                [...]
00000040 74 79 70 22 0A 61 75 74      68 6F 72 73 20 3D 20 5B |typ".authors = [|
                                [...]

```

All

```

          PUSH(1)                      state byte
00000000 6A 01 5B 31 C0 88 43 07 |j.[1..C.|

00000008 89 5B 08 8D 4B 08 31 D2 |.[..K.1.|

00000010 31 C9 8D 73 08 CD 80 CC |1..s....|
          NOP sled      [...]
00000018 CC 90 90 90 90 E8 00 00 |.....|

          exec path
00000020 00 00 2F 62 69 6E 2F 73 |../bin/s|
          [...]

```