

DENG asset file format (.das) specifications

DAS format contains of three headers, INFO_HDR, VERT_HDR and INDX_HDR.

INFO_HDR

The layout for the INFO_HDR is following:

- 8 bytes: Header name
- 4 bytes: Header size (bytes)
- 1 byte: Name size (bytes)
- 1 – 24 bytes: Asset name
- 1 byte: Description size (bytes)
- 1 – 255 bytes: Asset description

VERT_HDR

The layout for the VERT_HDR is following:

- 8 bytes: Header name
- 4 bytes: Header size (bytes)
- 4 bytes: Vertices count n
- n * 20 bytes: Basic coordinate data
 - 12 bytes: Vertices coordinates (x, y, z; type float)
 - 8 bytes: Texture coordinates (x, y; type float)

INDX_HDR

The layout for the INDX_HDR is following:

- 8 bytes: Header name
- 4 bytes Header size (bytes)
- 4 bytes: Indices count n
- n * 4 bytes: Indices data (type uint32_t)