

Structure:

Header

InfoHeader

FrameData

 CanvasData

 LayerData

Header

Signature – 3 bytes – 'PXT'

Version code – 1 byte – 1

PerPixel – 1 byte – 3 (RGB)

InfoHeader

Width – 2 bytes

Height – 2 bytes

Frames – 1 byte – Number of frames (max number of frames is 255)

CurrentId – 2 bytes – ID of currently chosen frame

OverlayId – 2 bytes – ID of currently chosen frame

FrameData

Id – 2 bytes

NameLength – 1 byte – Length of the layer name

Name – NameLength bytes

Duration – 2 bytes – Duration in milliseconds

CanvasData

DrawnId – 2 bytes – ID of currently chosen layer

Layers – 1 byte – Number of layers (max number of layers is 255)

LayerData

Id – 2 bytes

NameLength – 1 byte – Length of the layer name

Name – NameLength bytes

Opacity – 1 byte – from 0 to 255

Length of imageData – 4 bytes

ImageData

ImageData is compressed using Quite OK Compression Algorithm

<https://phoboslab.org/log/2021/11/qoi-fast-lossless-image-compression>

The name of the format is PXT