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## Case

# Algorithm.zlib

The zlib compression algorithm, which is recommended for cross-platform compression.

iOS 13.0+ | iPadOS 13.0+ | Mac Catalyst | macOS 10.15+ | tvOS 13.0+ | visionOS | watchOS 6.0+

case zlib

## Discussion

The Compression library implements the zlib encoder at level 5 only. This compression level provides a good balance between compression speed and compression ratio. The zlib decoder supports decoding data compressed with any compression level.

The encoded format is the raw DEFLATE format as described in [IETF RFC 1951](#), the following obtains the equivalent configuration of the encoder:

```
deflateInit2(zstream, 5, Z_DEFLATED, -15, 8, Z_DEFAULT_STRATEGY)
```

## See Also

## Related Documentation

```
var COMPRESSION_ZLIB: compression_algorithm
```

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