

1 Iso To Unix Epoch

The *isoToUnixEpoch* operation accepts the following arguments

- An ISO 8601 Timestamp as specified in the [xAPI Specification](#)

and returns the following

- The number of seconds that have elapsed since January 1, 1970

1.1 Formal Definition

The *isoToUnixEpoch* operation performs a conversion from the ISO string format to a numeric count of seconds.

$$ts = 2015 - 11 - 18T12 : 17 : 00 + 00 : 00 = 2015 - 11 - 18T12 : 17 : 00Z$$

$$isoToUnixEpoch(ts) = 1447849020$$