```
data2hist(data, algo = "histogram", type = "combined", qua = 10,
  breaks = numeric(0), epsilon = 0.01)
```

Arguments

`data`	a set of numeric values.
`algo`	(optional) a string. Default is "histogram", i.e. the function "histogram" defined in the `histogram` package. If "base" the `hist` function is used. "FixedQuantiles" computes the histogram using as breaks a fixed number of quantiles. "ManualBreaks" computes a histogram where braks are provided as a vector of values. "PolyLine" computes a histogram using a piecewise linear approximation of the empirical cumulative distribution function using the "Ramer-Douglas-Peucker algorithm", http://en.wikipedia.org/wiki/Ramer-Douglas-Peucker_algorithm. An `epsilon` parameter is required. The data are scaled in order to have a standard deviation equal to one.
`type`	(optional) a string. Default is "combined" and generates a histogram having regularly spaced breaks (i.e., equi-width bins) and irregularly spaced ones. The choice is done accordingly with the penalization method described in `histogram`. "regular" returns equi-width binned histograms, "irregular" returns a histogram without equi-width histograms.
`qua`	a positive integer to provide if `algo="FixedQuantiles"` is chosen. Default=10.
`breaks`	a vector of values to provide if `algo="ManualBreaks"` is chosen.
`epsilon`	a number between 0 and 1 to provide if `algo="PolyLine"` is chosen. Default=0.01.

Value

A `distributionH` object, i.e. a distribution.