Quick plot

Description

`qplot()` is now deprecated in order to encourage the users to learn `ggplot()` as it makes it easier to create complex graphics.

Usage

```
qplot(
  x,
  y,
  ...,
  data,
  facets = NULL,
  margins = FALSE,
  geom = "auto",
  xlim = c(NA, NA),
  ylim = c(NA, NA),
  log = "",
  main = NULL,
  xlab = NULL,
  ylab = NULL,
  asp = NA,
  stat = deprecated(),
  position = deprecated()
)

quickplot(
  x,
  y,
  ...,
  data,
  facets = NULL,
  margins = FALSE,
  geom = "auto",
  xlim = c(NA, NA),
  ylim = c(NA, NA),
  log = "",
  main = NULL,
```

```
  xlab = NULL,
  ylab = NULL,
  asp = NA,
  stat = deprecated(),
  position = deprecated()
)
```

Arguments

`x, y, ...`	Aesthetics passed into each layer
`data`	Data frame to use (optional). If not specified, will create one, extracting vectors from the current environment.
`facets`	faceting formula to use. Picks `facet_wrap()` or `facet_grid()` depending on whether the formula is one- or two-sided
`margins`	See `facet_grid()`: display marginal facets?
`geom`	Character vector specifying geom(s) to draw. Defaults to "point" if x and y are specified, and "histogram" if only x is specified.
`xlim, ylim`	X and y axis limits
`log`	Which variables to log transform ("x", "y", or "xy")
`main, xlab, ylab`	Character vector (or expression) giving plot title, x axis label, and y axis label respectively.
`asp`	The y/x aspect ratio
`stat, position`	lifecycle deprecated

Examples

Run examples

```
# Use data from data.frame
qplot(mpg, wt, data = mtcars)
qplot(mpg, wt, data = mtcars, colour = cyl)
qplot(mpg, wt, data = mtcars, size = cyl)
qplot(mpg, wt, data = mtcars, facets = vs ~ am)


set.seed(1)
qplot(1:10, rnorm(10), colour = runif(10))
qplot(1:10, letters[1:10])
mod <- lm(mpg ~ wt, data = mtcars)
qplot(resid(mod), fitted(mod))

f <- function() {
   a <- 1:10
   b <- a ^ 2
   qplot(a, b)
}
f()

# To set aesthetics, wrap in I()
qplot(mpg, wt, data = mtcars, colour = I("red"))

# qplot will attempt to guess what geom you want depending on the inpu
# both x and y supplied = scatterplot
qplot(mpg, wt, data = mtcars)
# just x supplied = histogram
qplot(mpg, data = mtcars)
# just y supplied = scatterplot, with x = seq_along(y)
qplot(y = mpg, data = mtcars)

# Use different geoms
qplot(mpg, wt, data = mtcars, geom = "path")
qplot(factor(cyl), wt, data = mtcars, geom = c("boxplot", "jitter"))
qplot(mpg, data = mtcars, geom = "dotplot")
```
