

```

① linear <- function (dat, y, time, params = NULL, ...) {
  linearPars <- function(dat, y, time) {
    time <- dat[[time]]
    ② y <- dat[[y]]
    if (var(y) == 0) {
      return(NULL)
    }
    bb <- min(y)
    mm <- (max(y) - bb)/max(time)
    return(c(intercept = bb, slope = mm))
  }

  ③ if (is.null(params)) {
    params <- linearPars(dat, y, time)
  }
  ④ if (is.null(params)) {
    return(NULL)
  }
  y <- str2lang(y)
  time <- str2lang(time)
  ⑤ ff <- bquote(.(y) ~ slope * .(time) + intercept)
  attr(ff, "parnames") <- names(params)
  return(list(formula = ff, params = params))
}

```