**rcap_options** — Options for determining the look of range plots with capped spikes

### Syntax

- `rcap_options`  
  **Description**
  - `line_options`  
    change look of spike and cap lines
  - `msize(markersizestyle)`  
    width of cap
  - `recast(newplottype)`  
    advanced; treat plot as `newplottype`


All options are *rightmost*; see [G-4] `concept: repeated options`.

### Description

The `rcap_options` determine the look of spikes (lines connecting two points vertically or horizontally) and their endcaps.

### Options

- `line_options` specify the look of the lines used to draw the spikes and their caps, including pattern, width, and color; see [G-3] `line_options`.

- `msize(markersizestyle)` specifies the width of the cap. Option `msize()` is in fact `twoway scatter`’s `marker_option` that sets the size of the marker symbol, but here `msymbol()` is borrowed to set the cap width. See [G-4] `markersizestyle` for a list of size choices.

- `recast(newplottype)` is an advanced option allowing the plot to be recast from one type to another, for example, from a range-capped plot to an area plot; see [G-3] `advanced_options`. Most, but not all, plots allow `recast()`.

### Remarks and examples

Range-capped plots are used in many contexts. They are sometimes the default for confidence intervals. For instance, the `lcolor()` suboption of `ciopts()` in

```
    . tabodds died age, ciplot ciopts(lcolor(green))
```

causes the color of the horizontal lines representing the confidence intervals in the graph to be drawn in green.

### Also see

[G-4] `concept: lines` — Using lines