Outline of Changes

Second Edition of "Displaying Time Series, Spatial, and Space-Time Data with R"

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Time Series

- Code have been revised, cleaned and improved. Bugs have been fixed.
- After data creation or transformation, a text frame with the output of summary() has been included.
- Code using base::reshape has been replaced by reshape2::melt and reshape2::dcast.

Time on the Horizontal Axis

- Alternative code based on ggplot2 for the Figure 3.9 (*Level plot of dif- ferences between a daily temperature time* ...).
- New "Interactive Graphics" section (Section 3.4):
 - Some figures have an interactive alternative with code based on the packages dygraphs, highcharter, plotly, and streamgraph.
 - The gridSVG section has been revised and moved here (Section 3.4.4).
 - This section includes snapshots of the interactive graphics that will be available in the updated webpage.

Time as a Conditioning or Grouping Variable

• Alternative code based on ggplot2 (using package GGally) for the Figure 4.1 (*Scatter plot matrix of the collection...*).

Time as a Complementary Variable

- New "Interactive Graphics: animation" section (Section 5.6):
 - A new section based on the package plotly has been created (section 5.6.1).
 - Original sections using googleVis and gridSVG have been revised and moved here.
 - This section includes snapshots of the interactive graphics that will be available in the updated webpage.

About the Data

• Data URLs have been checked and updated where needed.

Spatial Data

To Do.

Space-Time Data

To Do.