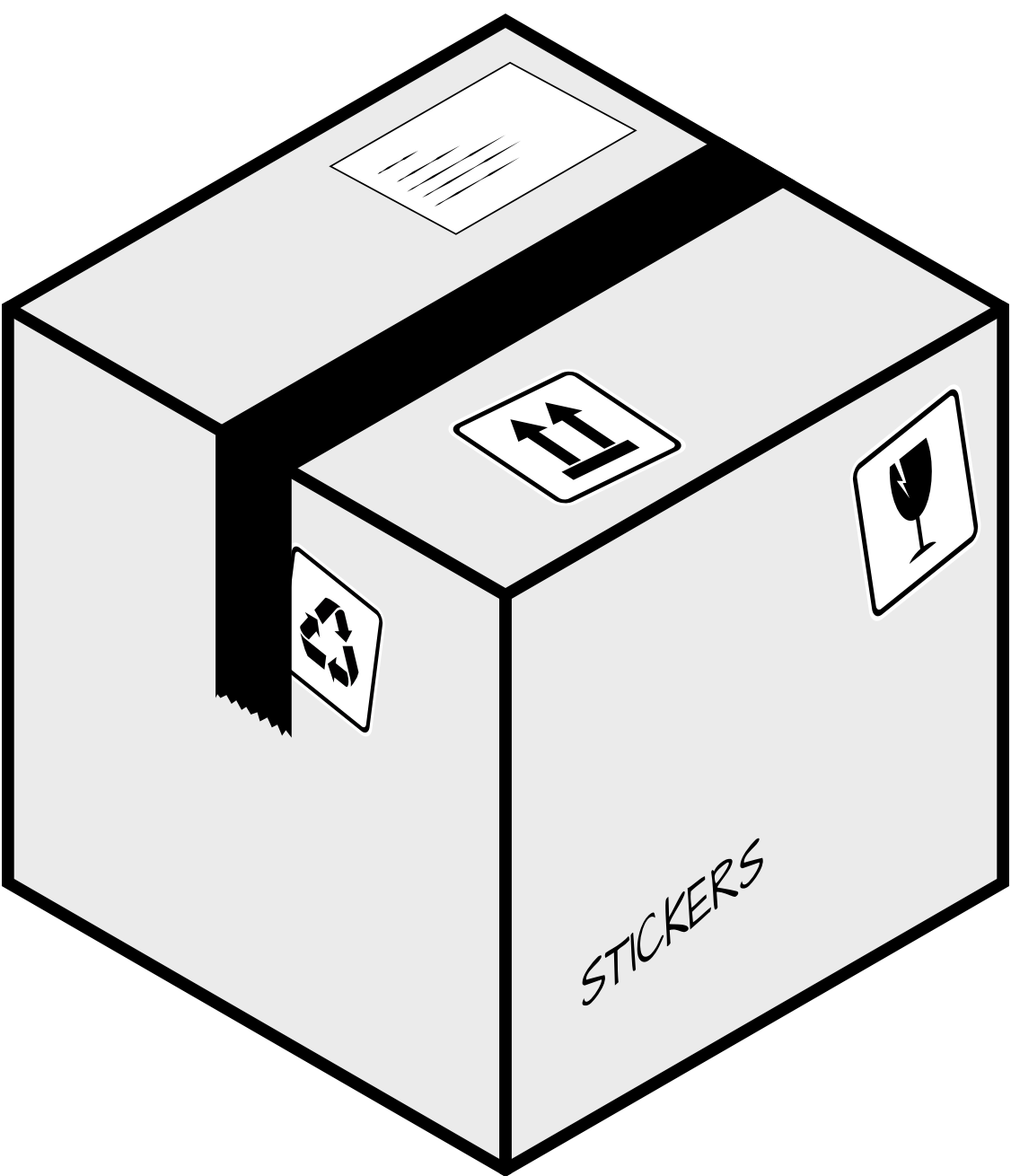






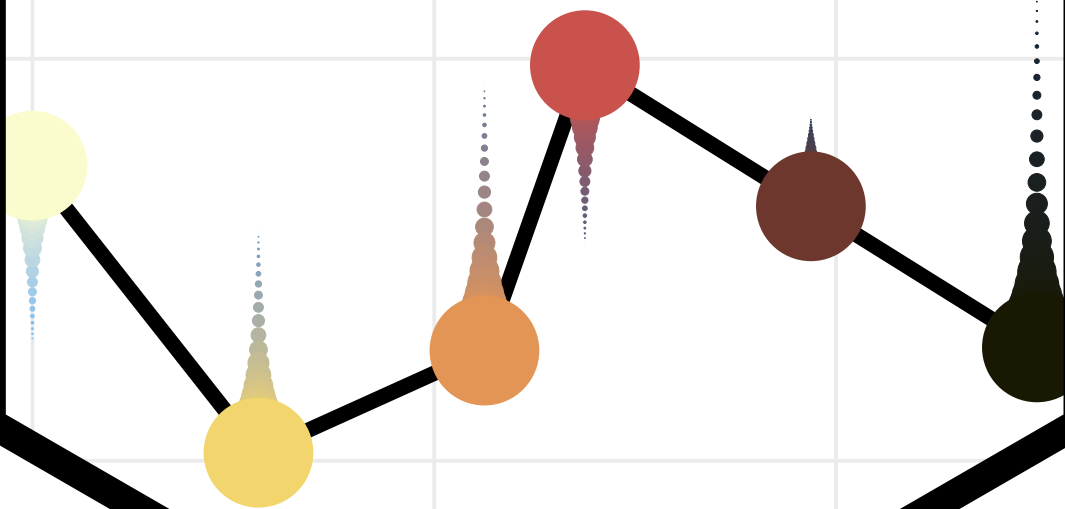
www.data-innaginginist.com/slides/user2018



ggg annate

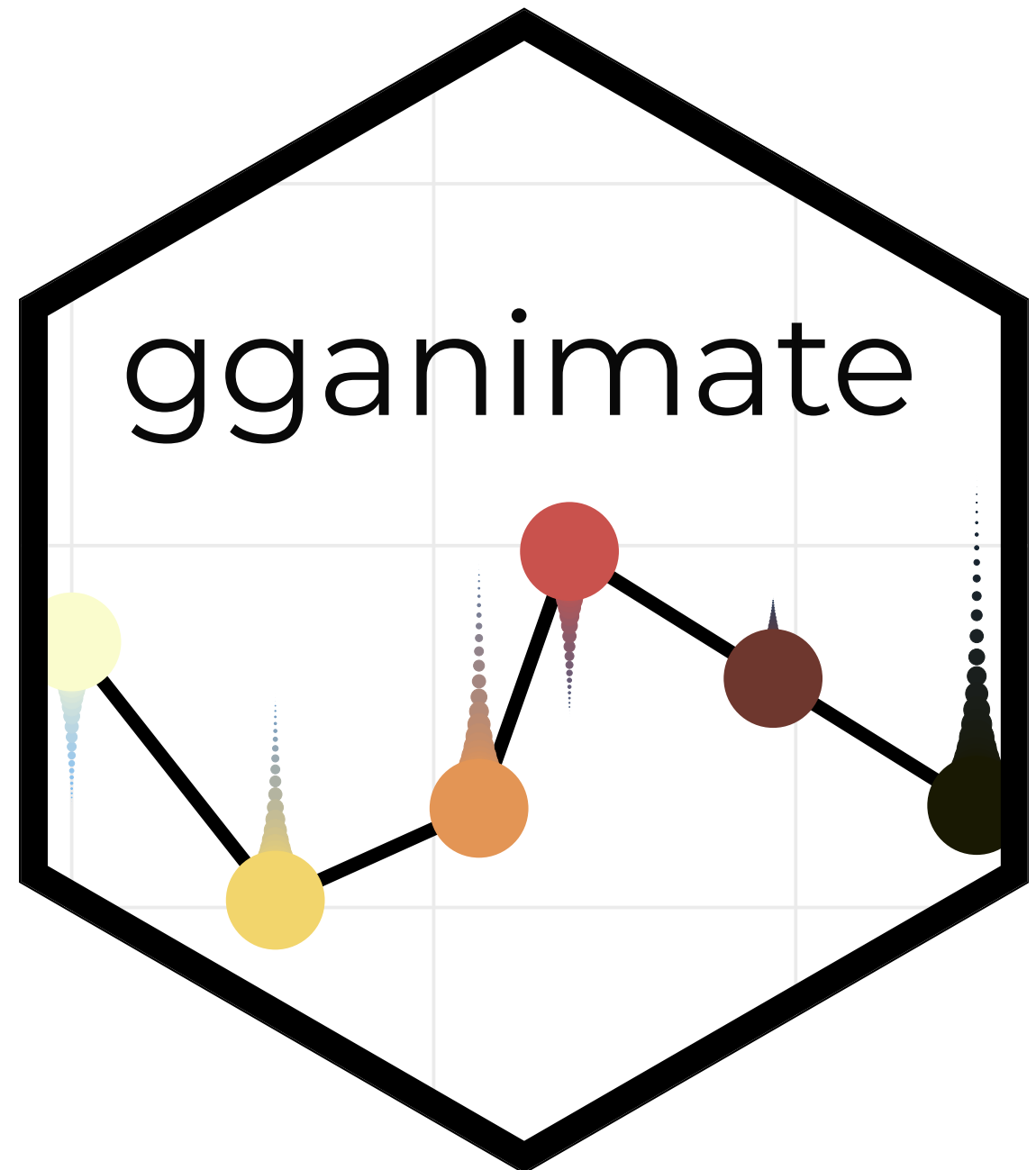
- First iteration created by David Robinson
 - Frame-as-an-aesthetic
 - Fluid transitions only with help from e.g. tweenr
- Second iteration is a complete rewrite with a new API, focusing on animation grammar

gganimate



gganimate

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 - Fluid transitions only with help from e.g. tweenr
- Second iteration is a complete rewrite with a new API, focusing on animation grammar



Design philosophy

- Add to ggplot2 API, not wrap it
- Extensible by design
- Expressed in unitless time
- Agnostic to renderer

