

Layered Data

Composing datasets from
different types of information

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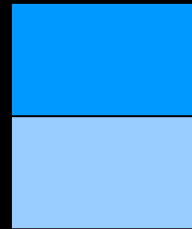
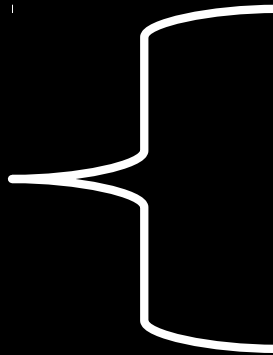
May 2010

Profile View

How is the dataset constructed?

INITIAL DATA LAYERS

Initial factual sources.
E.g. books & authors



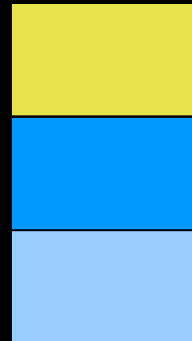
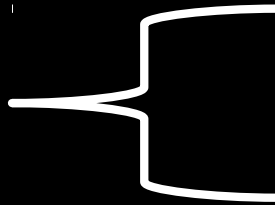
Factual

Factual

NETWORK CONNECTIONS

Key relationships between
resources

E.g. books & their authors



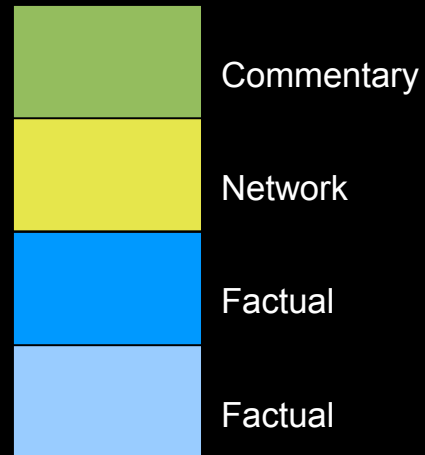
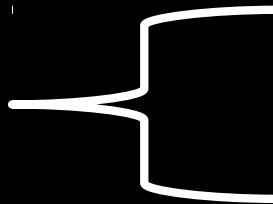
Network

Factual

Factual

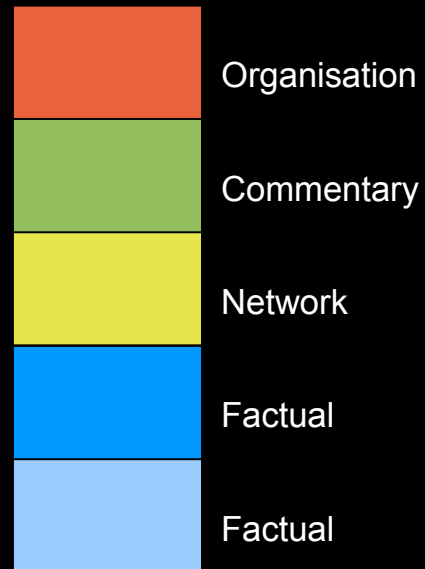
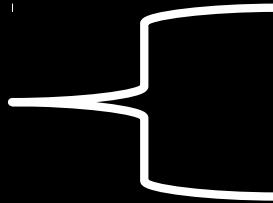
THIRD-PARTY COMMENTARY

Useful context
E.g. reviews & discussion



CONTENT ORGANISATION

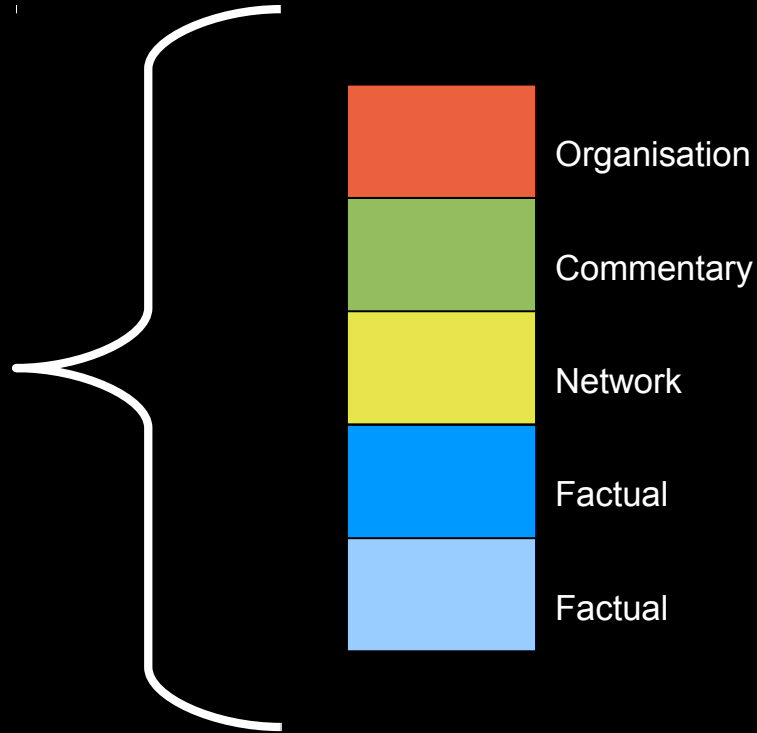
Classification of content
E.g. subject categories



FINAL COMPOSITE DATA LAYER

Created from 5 different
component layers.

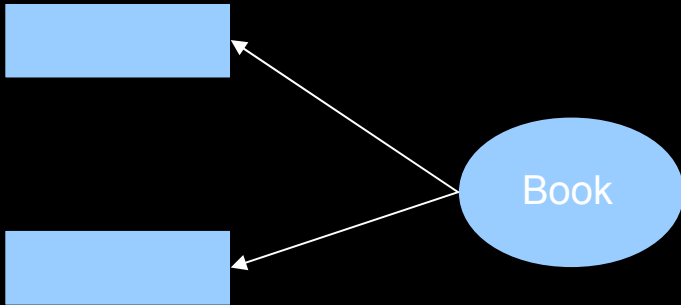
Each layer is distinct &
identifiable.



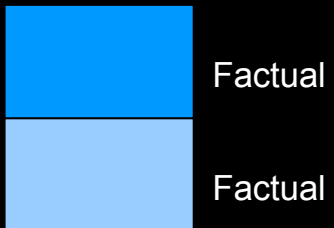
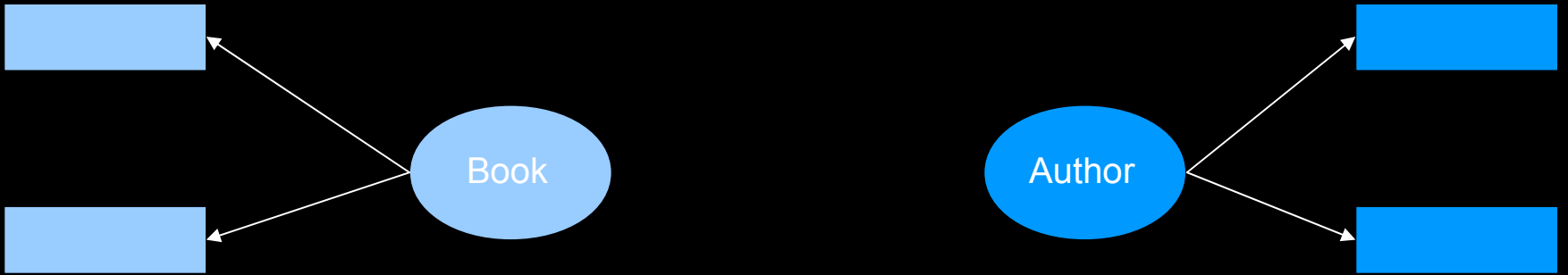
Top-Down View

How does the data mesh together?

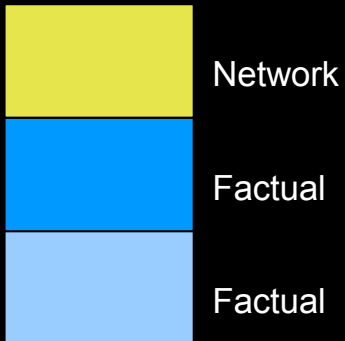
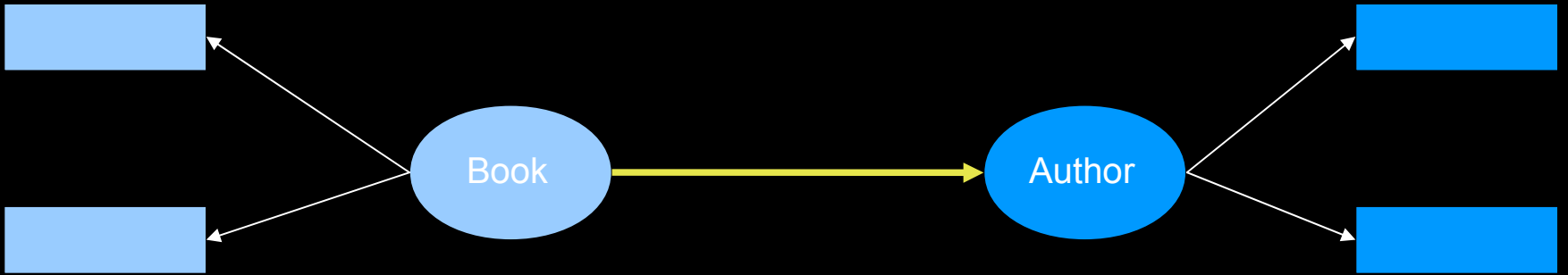
Initial Factual Data



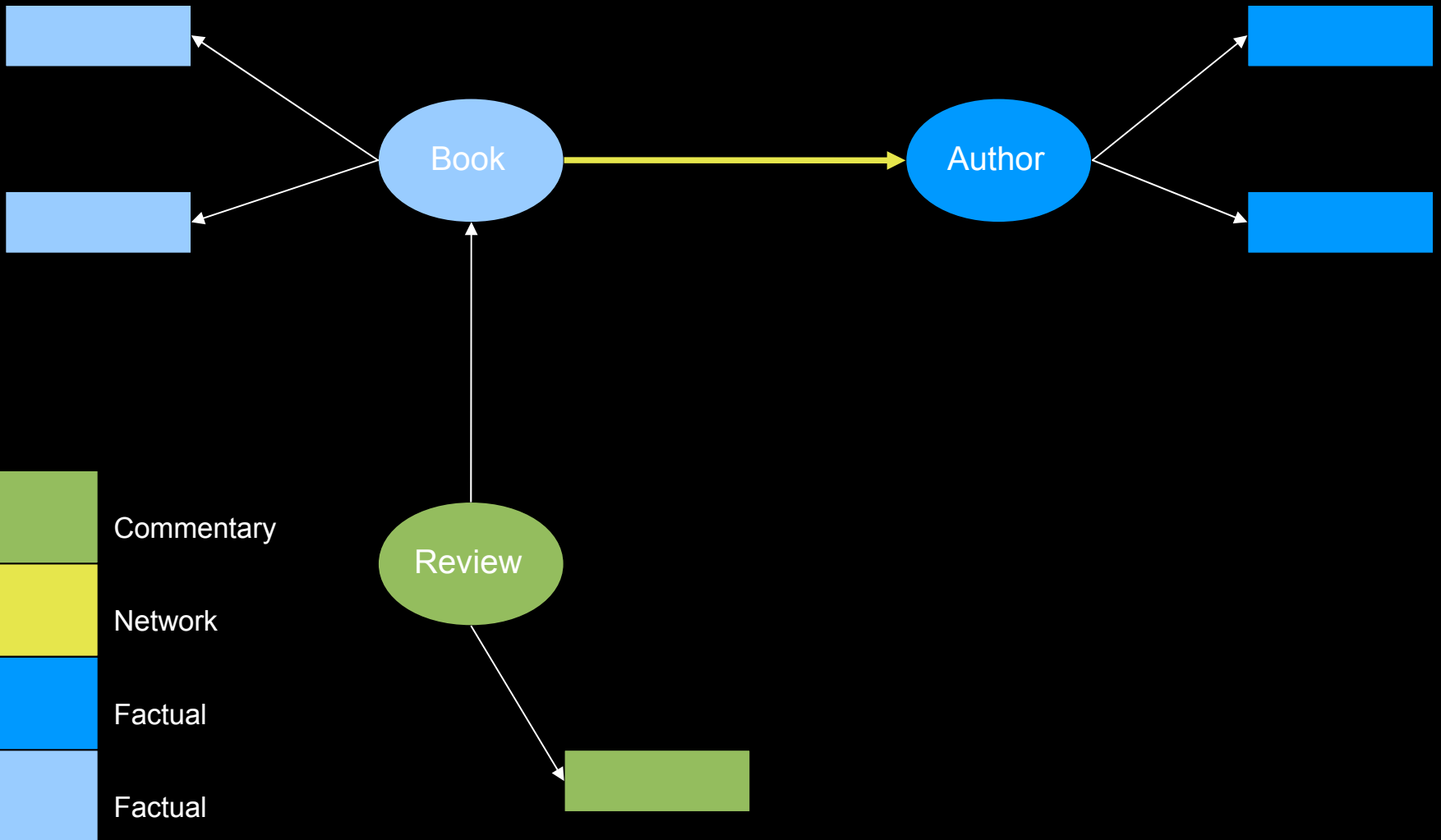
Initial Factual Data



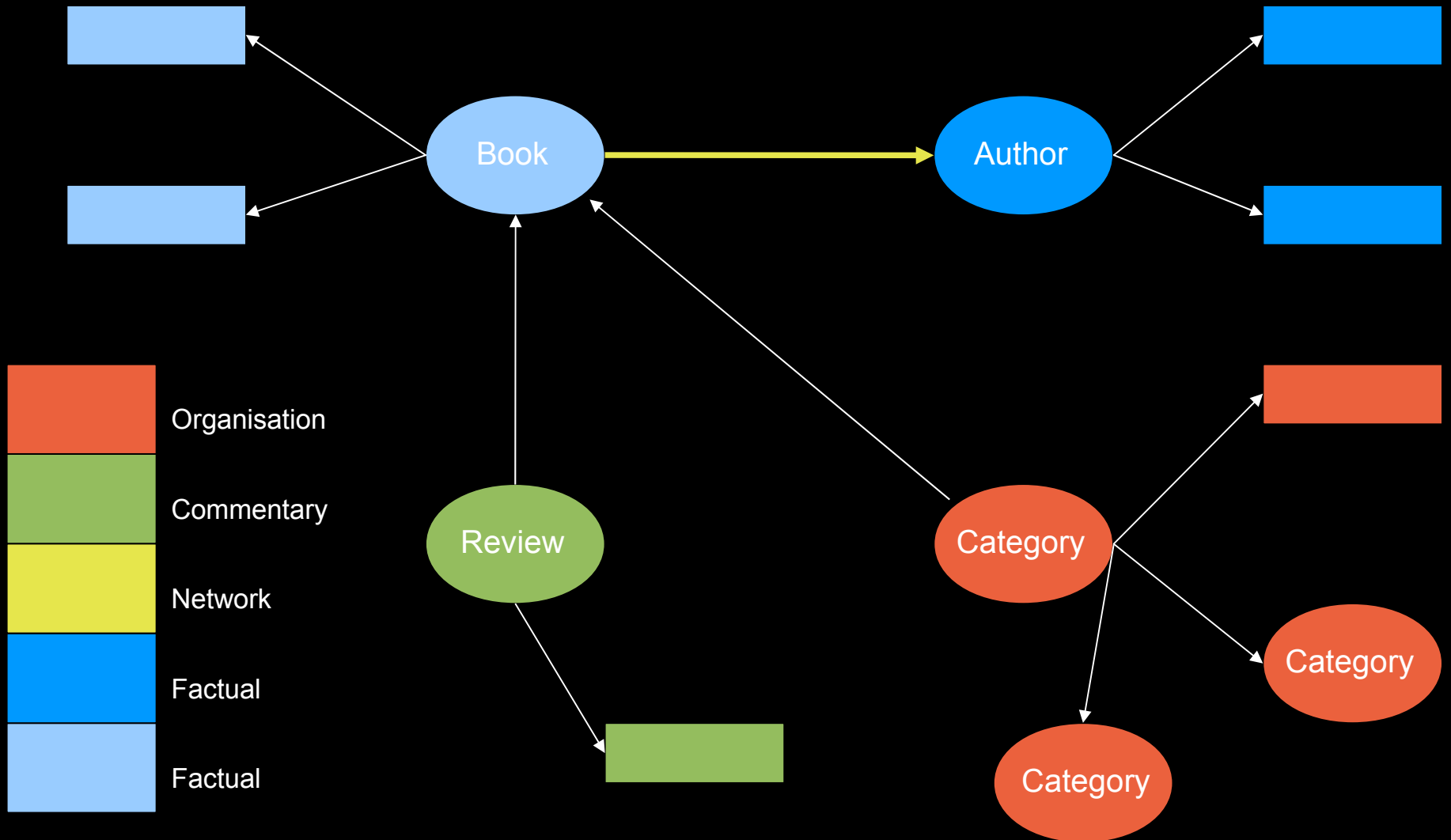
Network Connections



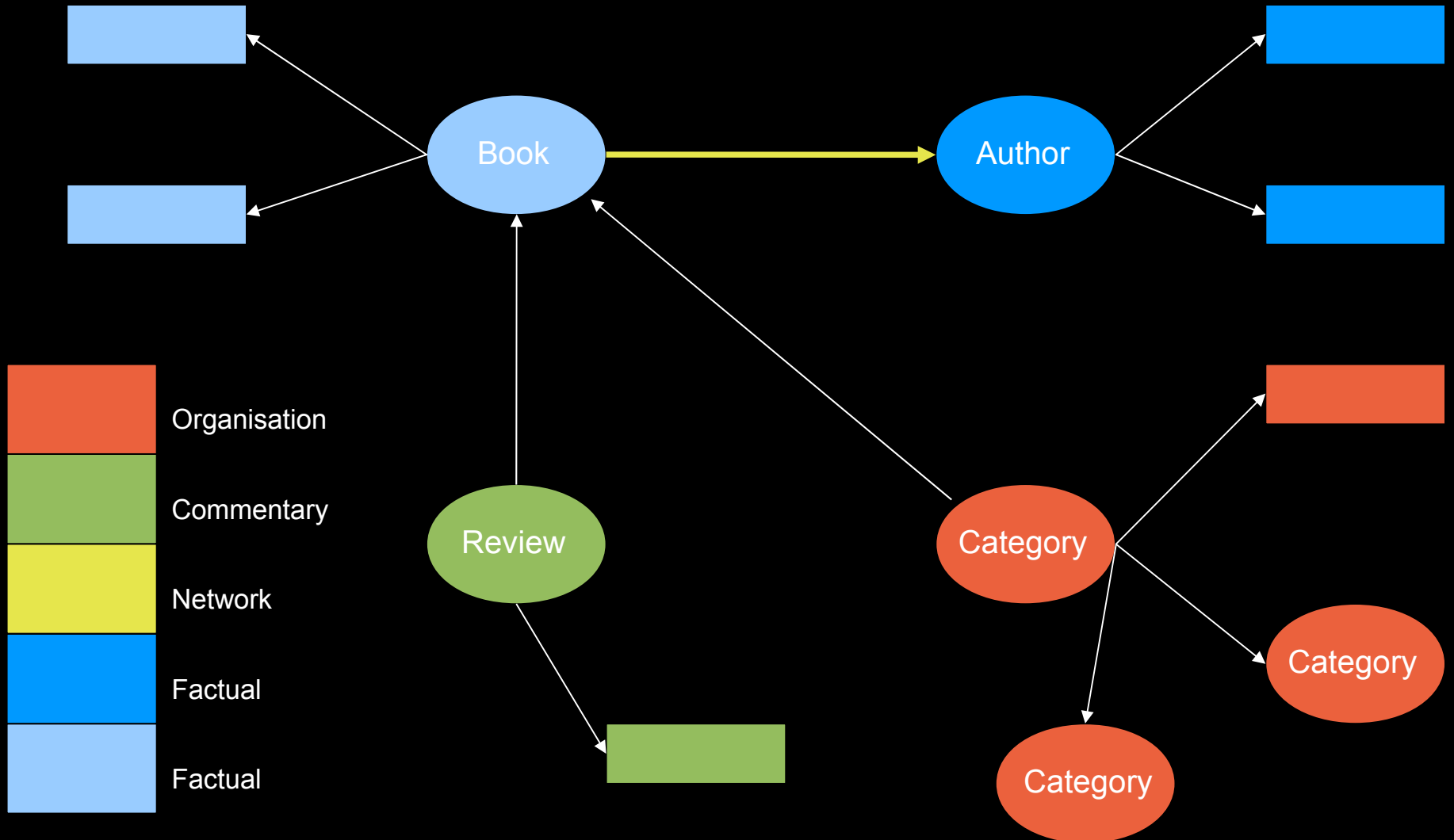
Third-Party Commentary

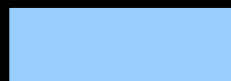
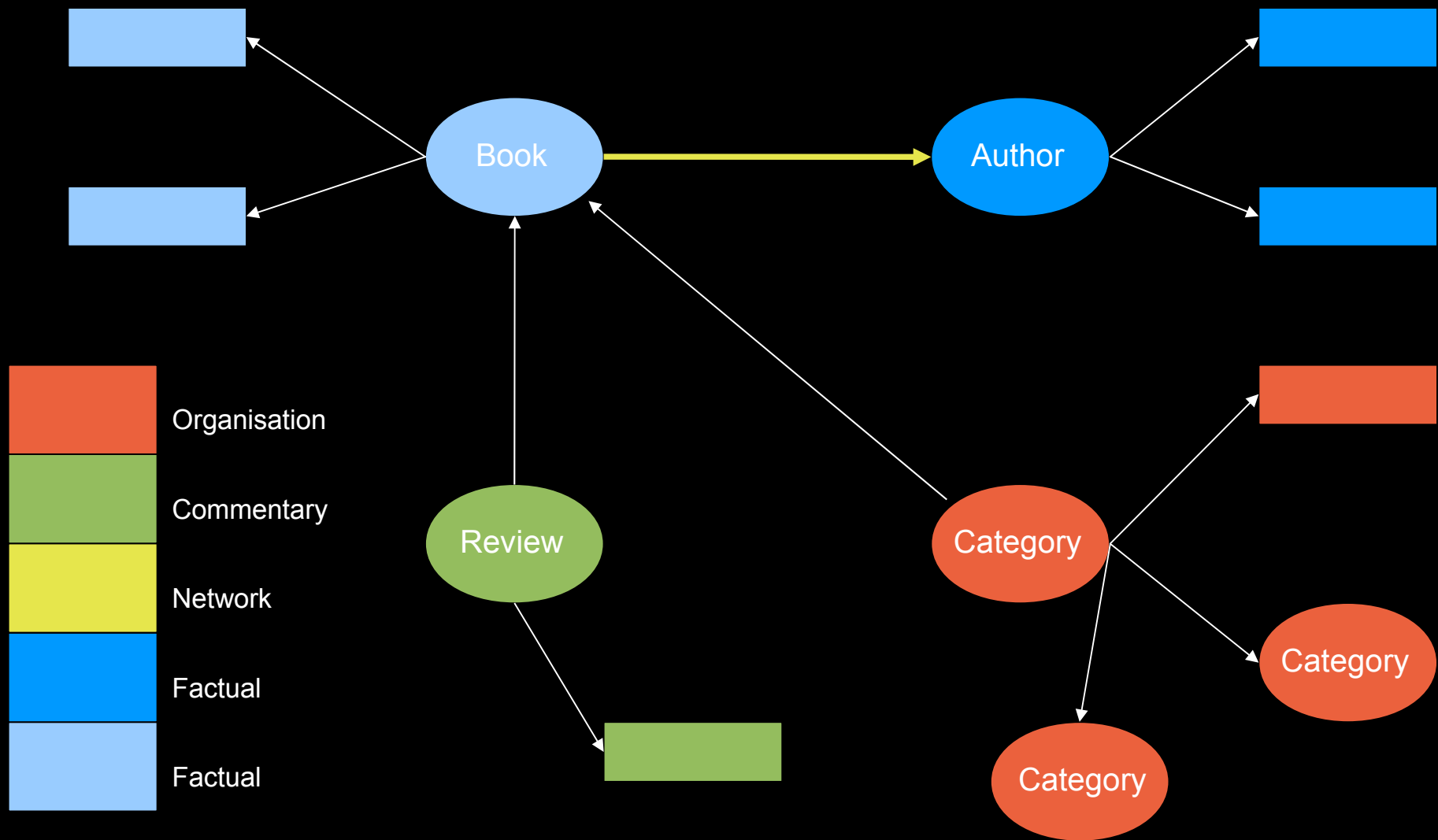


Content Organisation



Final Composite View





Book

Author



Review

Category



Category

Category

