

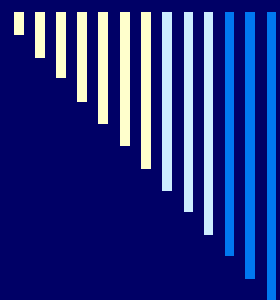
Spatial Composition Draft and an overall Framework Proposal

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Framework with Steven van den Berghe

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Status

- Proposed Scope of Work at IETF-63
- Described Spatial Composition Details
- Provided an Example Metric:
 - Finite one-way delay in
draft-morton-composition-00.txt
- IMO, there was considerable interest in
this work area.



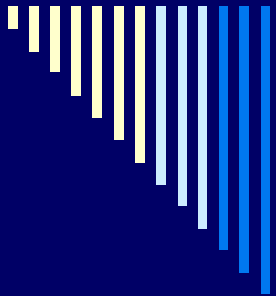
Additions in -composition-01

- Title/Scope Emphasizes Spatial Metrics
- New Loss Composition Metric
 - Relationship Combines empirically-estimated Loss Probabilities
- New One-Way Combined Metric
 - Loss and Delay as a couple
- Definitions for “Equivalent Path”, etc.
- New Motivation Section, and ...



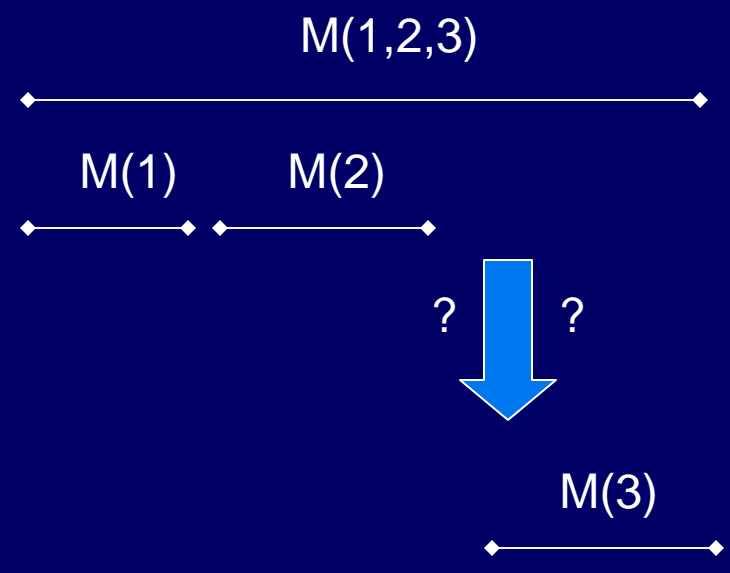
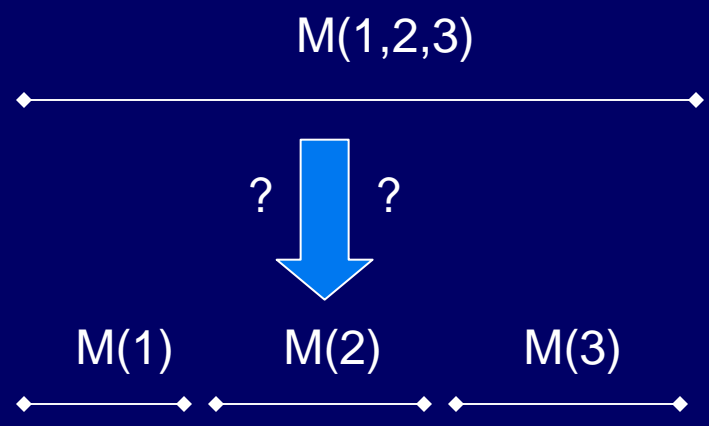
Issue for discussion: de-composition

- Definition: Estimate sub-path metrics/meas. from complete path metrics.
- Motivation is trouble location/isolation.
- What is the relationship between the decomposition and composition metrics? Should we put both kinds in one draft to make up a framework?
- What other information is needed to de-compose a complete path metric?
- Is the decomposition intended to estimate a metric for some/all sub-paths involved in the complete path?



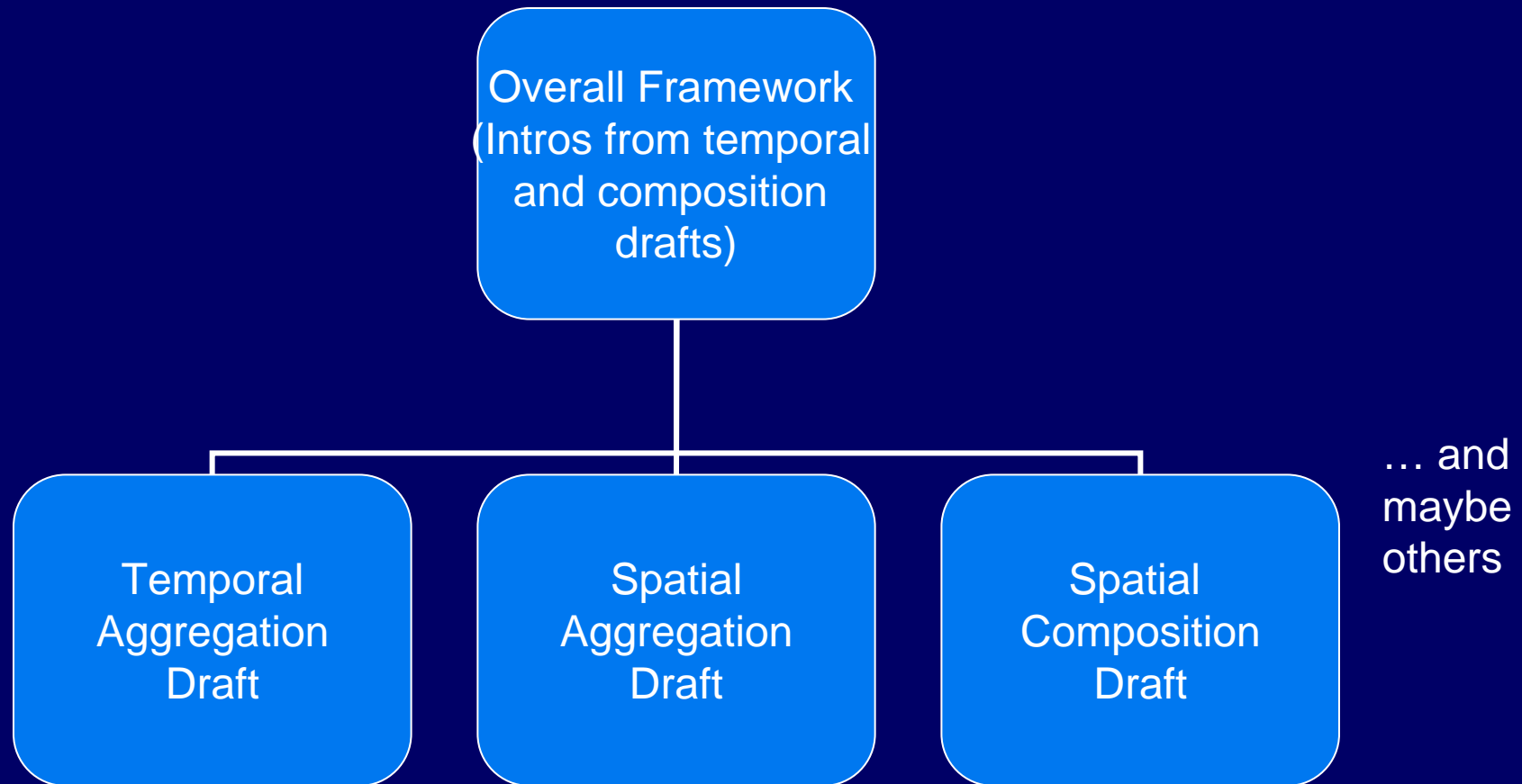
Questions on De-composition

What sorts of scenarios are envisioned for de-composition?





Framework Proposal





Framework Draft Outline

- Introduction
 - -Motivation
- Scope and Application
 - -Description of Metric Types (from temporal draft)
 - Time Aggregation Description
 - Spatial Agg. Description
 - Spatial Composition Description
 - -Requirements for Metrics (from composition draft)
 - What info the descriptions must include
 - Limits on Metric application