BGPeep
An IP-space Centered View for Internet Routing Data

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Tag Cloud
Identify and select data

Viewer
Visualize and explore the selection
Tag Cloud

• Select a subset of the data (pluggable)
• View the results
• Filter the results (pluggable)
• Select specific ASes for further analysis
Update View

• Visualization of many, many updates from multiple ASes
• Controls to focus in one one AS or prefix in context
• Time-based restriction
• Linked “traditional” view for additional detail
Entire time range selected

Subset of time selected
Route Flapping
Future Work

• Monitoring mode is essential
• Performance
• Additional filters and searches
Annotated video demonstration at: http://vidi.cs.ucdavis.edu/research

Questions?