Quantifying, Visualizing, and Forecasting Global Human Society Through "Big Data": What it Looks Like To Compute on the Entire Planet

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Abstract: Put simply, the GDELT Project (gdeltproject.org) is a realtime index over global human society, inventorying the world's events, emotions, and narratives as they happen. GDELT live machine translates the world's information across 65 languages and identifies the planet's events, counts, quotes, people, organizations, locations, millions of themes and thousands of emotions, imagery, video, and social posts, creating a massive realtime global graph. Here's what it looks like to conduct data analytics at a truly planetary scale.

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Bio: One of Foreign Policy Magazine's Top 100 Global Thinkers of 2013, Kalev Leetaru is a Senior Fellow at the George Washington University Center for Cyber & Homeland Security and a member of its Counterterrorism and Intelligence Task Force, as well as being a 2015-2016 Google Developer Expert for Google Cloud Platform. From 2013-2014 he was the Yahoo! Fellow in Residence of International Values, Communications Technology & the Global Internet at Georgetown University's Edmund A. Walsh School of Foreign Service, where he was also an Adjunct Assistant Professor, as well as a Council Member of the World Economic Forum's Global Agenda Council on the Future of Government. Featured in the presses of more than 100 nations and from Nature to the New York Times, his work focuses on how innovative applications of the world's largest datasets, computing platforms, algorithms and mindsets can reimagine the way we understand and interact with our global world. More on his latest projects can be found on his website at kalevleetaru.com or blog.gdeltproject.org.