ADIwg Update

2013-15 making ISO metadata accessible

May 12, 2014

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mdTranslator Project Objectives

- Help organizations become ISO compliance
- Eliminate the necessity developers and users to learn the ISO 19115 family of standards
- Make it easier for organizations to integrate ISO metadata functionality into local systems
- Make it easier for organizations to integrate ISO metadata functionality into custom web applications
- Provide an end-to-end online ISO metadata tool for small organizations and independent users

ADIwg Current Participants

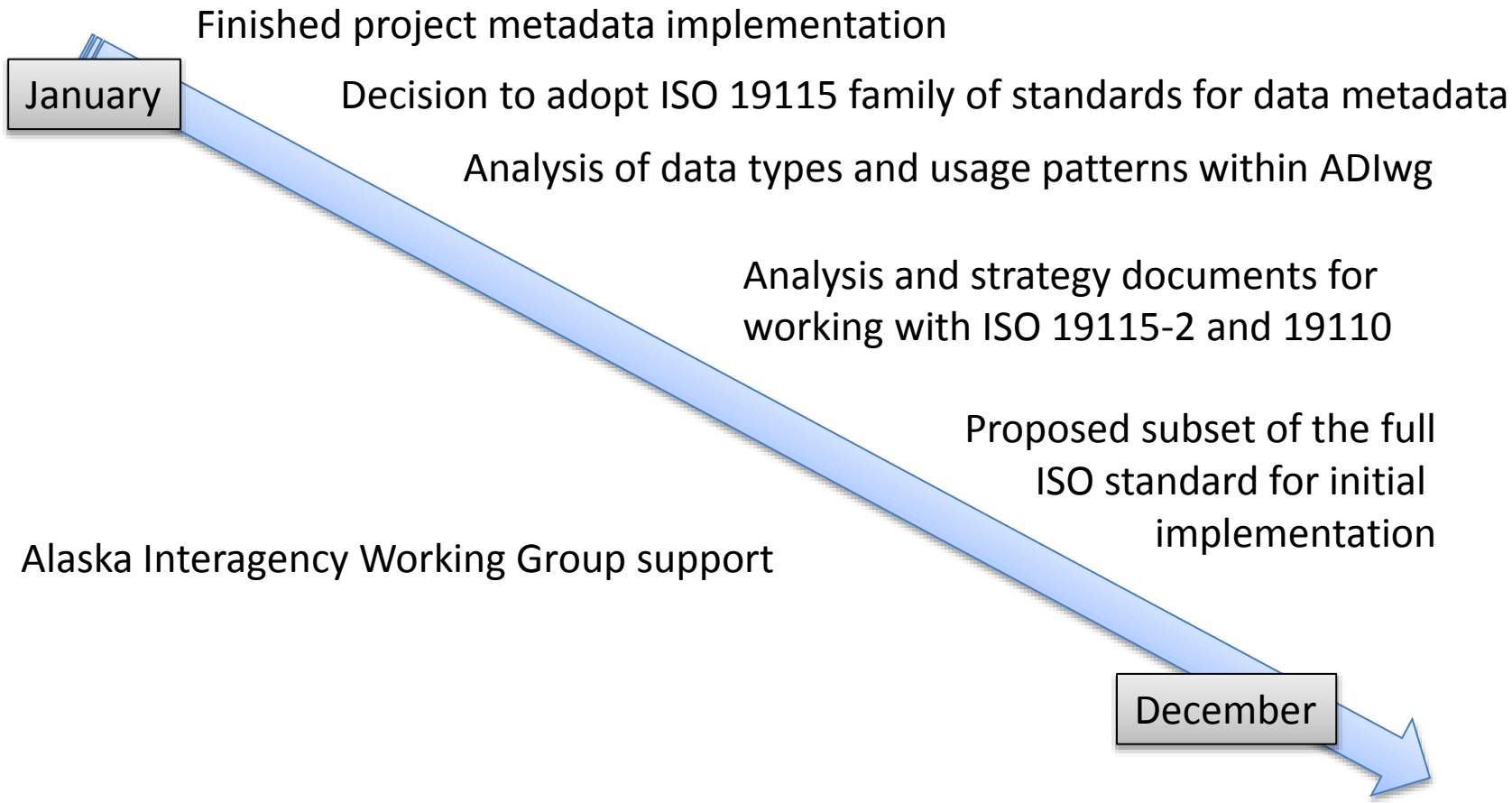
Mission: *"The Alaska Data Integration Working Group (ADIwg) was formed to examine and address the technical barriers to efficiently integrate and share data within and among participating organizations."*

- **Federal**
  - **DOI**: BLM, BOEM, NPS, USFS, USFWS, USGS
- **State of Alaska**
  - University of Alaska (UAF, UAS)
  - Geographic Information Network of Alaska (GINA)
  - International Arctic Research Center (IARC)
- **Non-Governmental Organizations (NGOs)**
  - Arctic Ocean Observing System (AOOS)
  - Arctic Research Mapping Application (ARMAP) - Nunatech Consulting
  - North Pacific Research Board (NPRB)
  - North Slope Science Initiative (NSSI)
- **Cooperatives/Joint-Ventures**
  - Arctic LCC

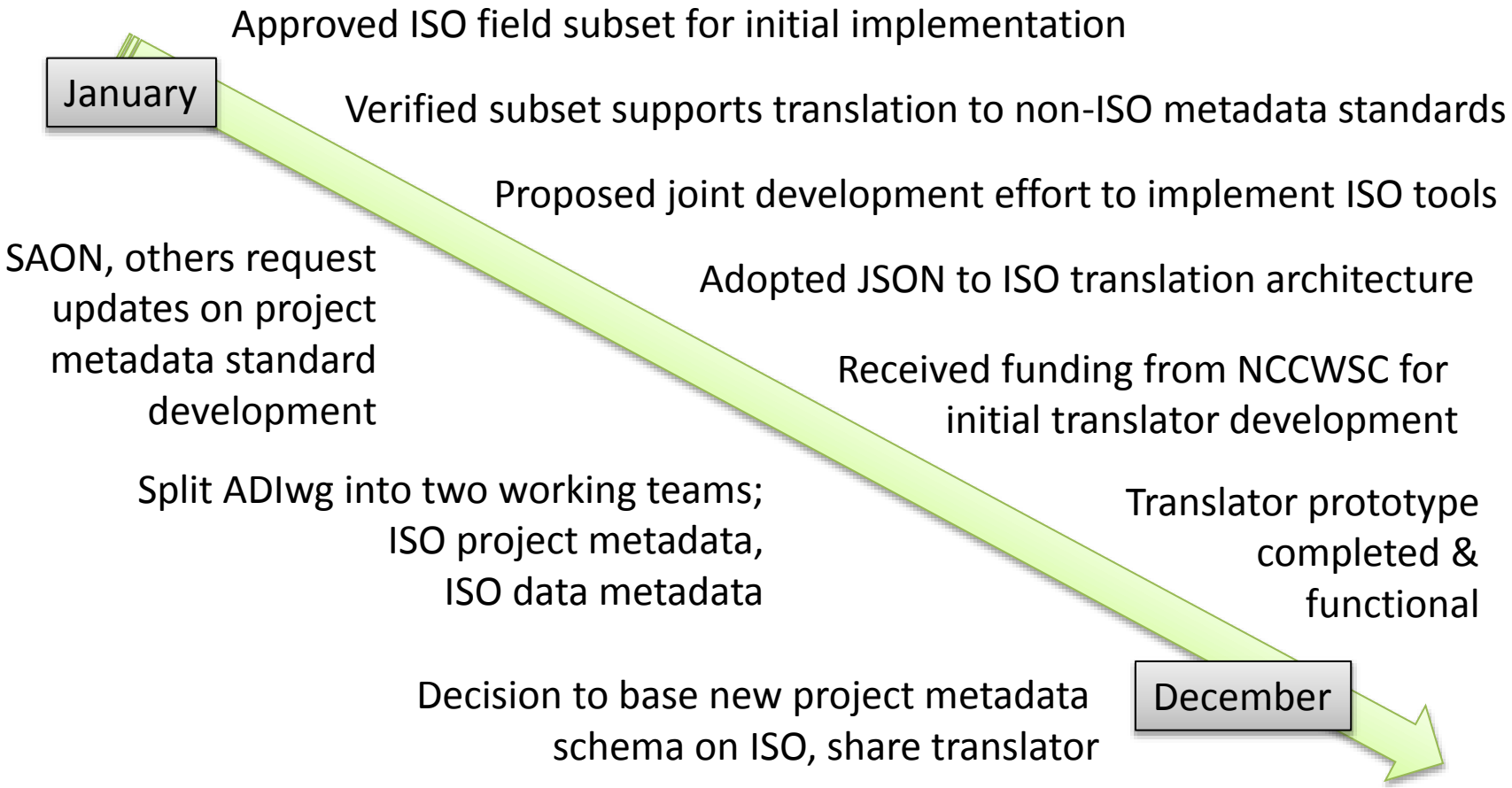
Others Following ADIwg Progress

- SAON – Sustaining Arctic Observing Networks
- ADCN – Arctic Data Coordination Network
- PGC – Polar Geospatial Center
- HDF Group
- ACADIS – Advanced Cooperative Arctic Data and Information Services
- IARC – International Arctic Research Center
- BAID – Barrow Area Information Database
- IASOA – International Arctic Systems for Observing the Atmosphere
- IARPC – Interagency Arctic Research Policy Council
  - Terrestrial Ecosystems Implementation Team (TEIT)
  - Arctic Data Implementation Team (ADIT)
- SEARCH – Study of Environmental Arctic Change
- NCCWSC – National Climate Change & Wildlife Science Centers

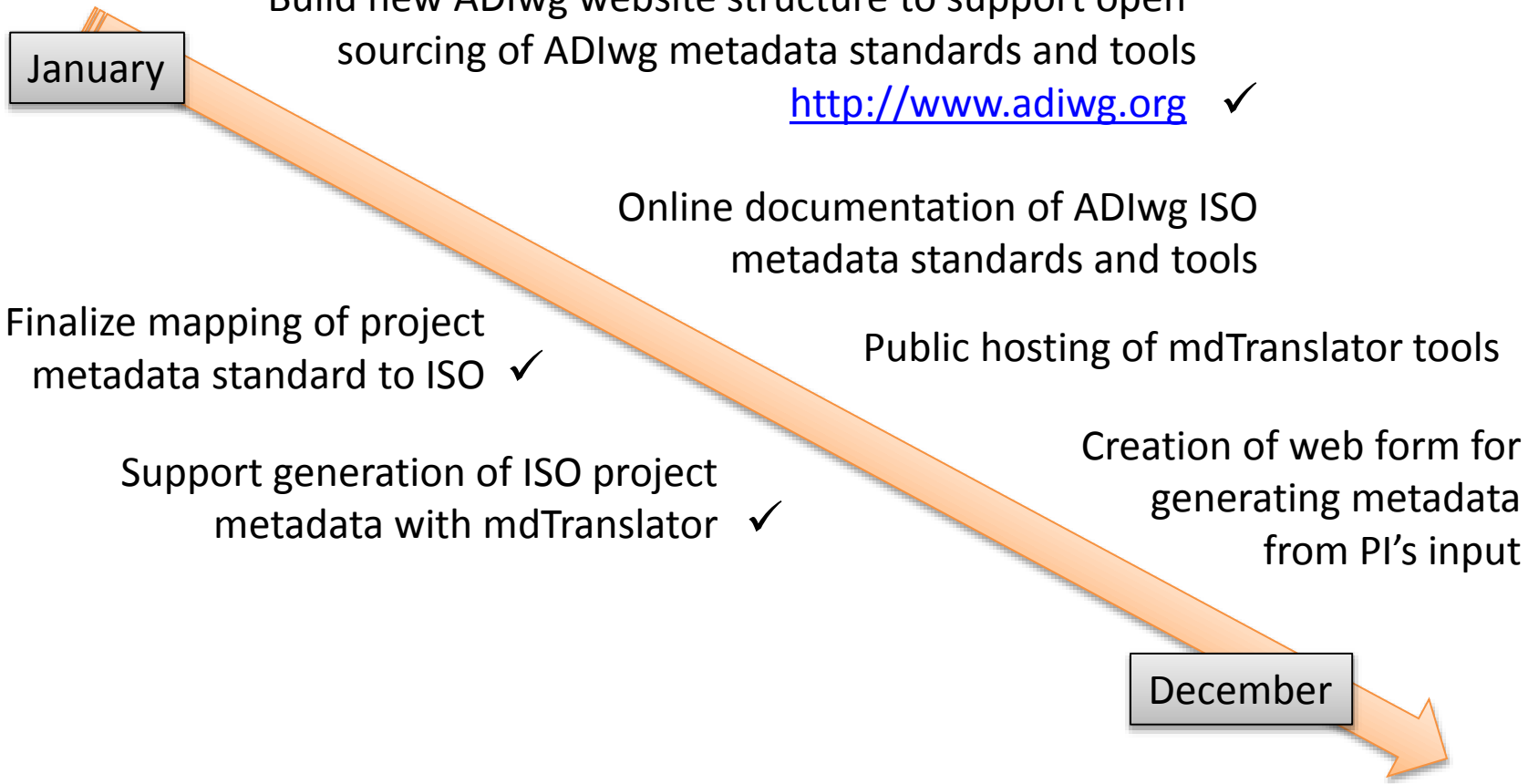
ADIwg 2012 Activity Timeline



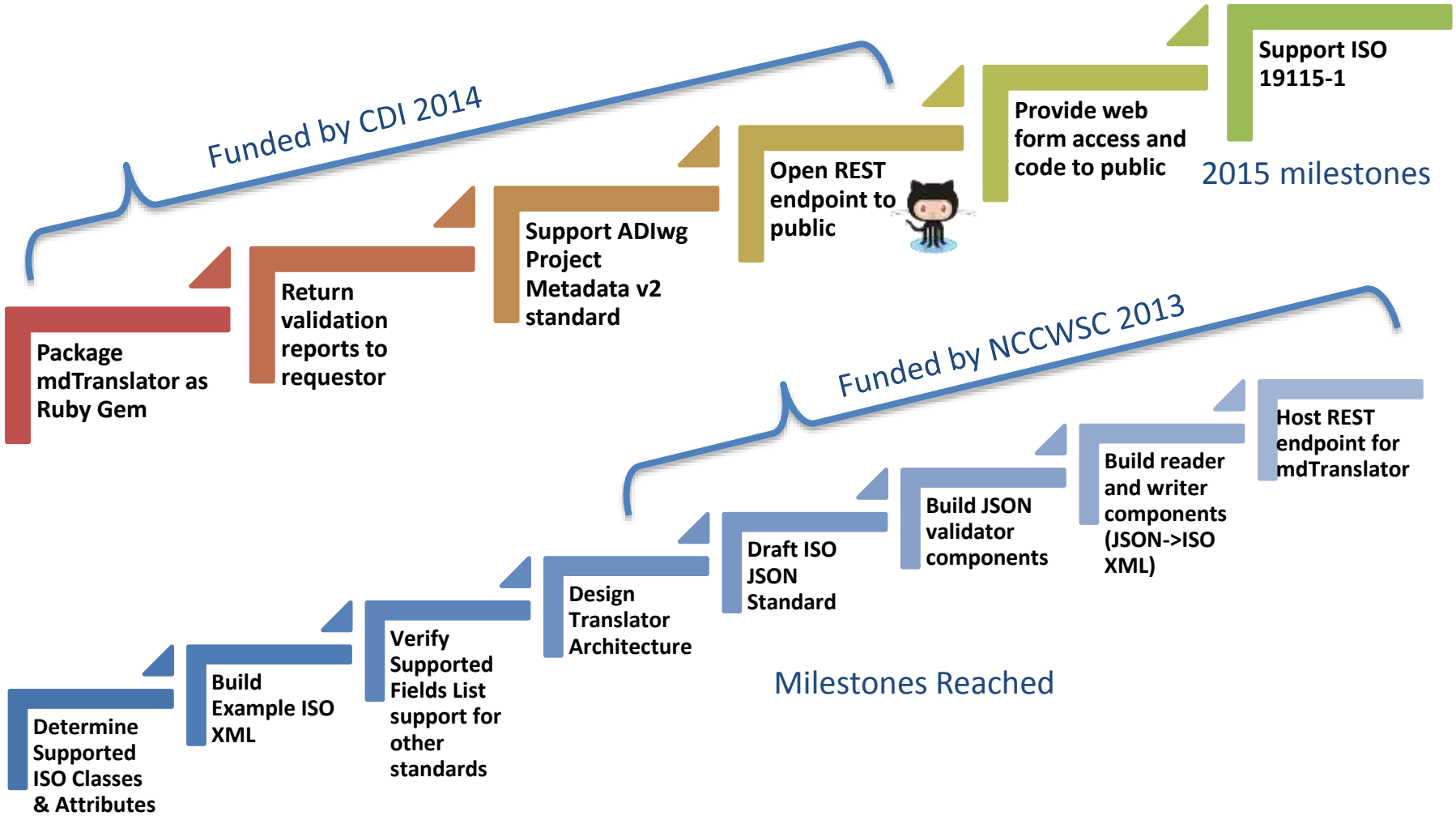
ADIwg 2013 Activity Timeline



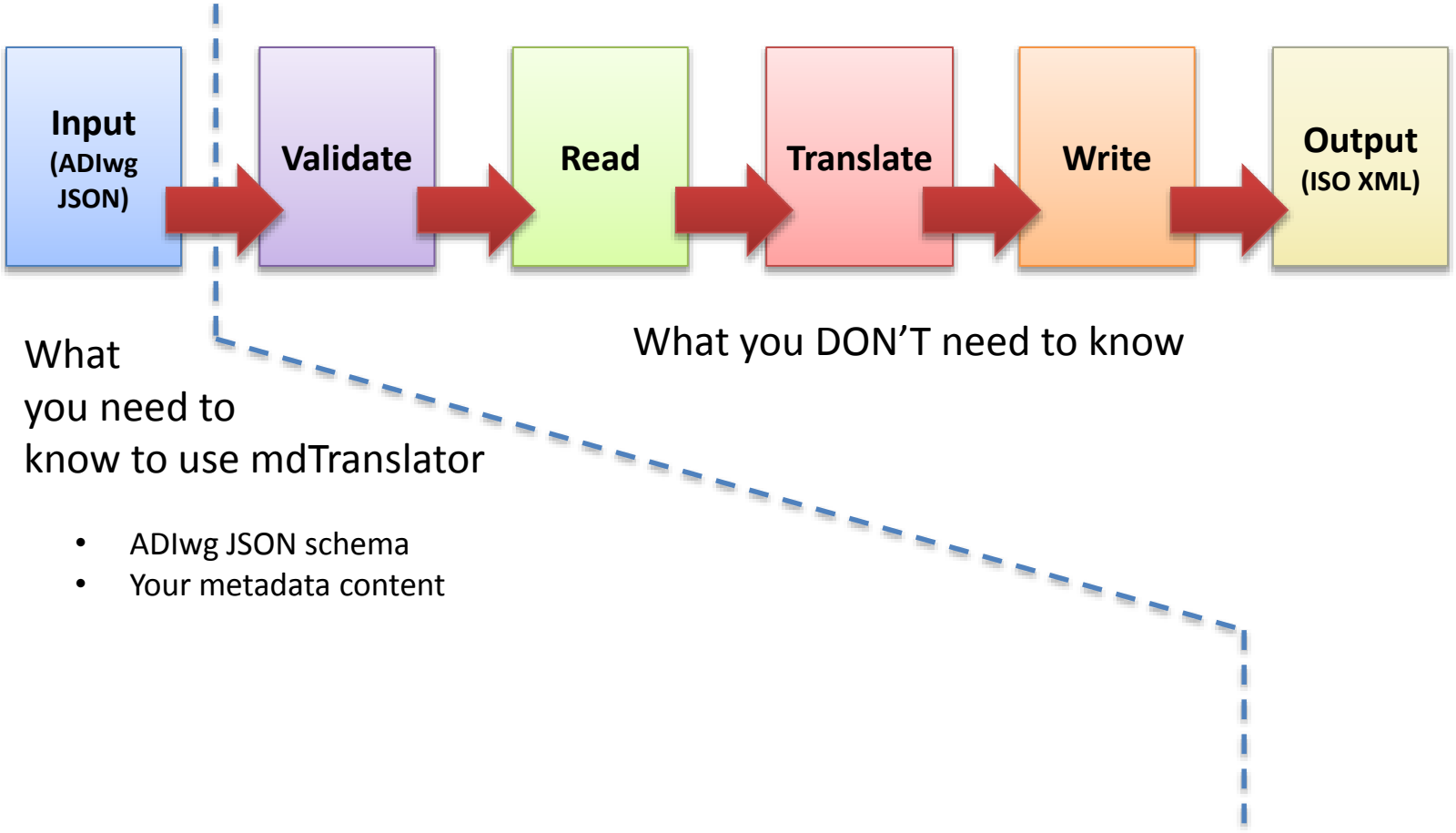
Planned 2014 Activity Timeline



mdTranslator Development Milestones

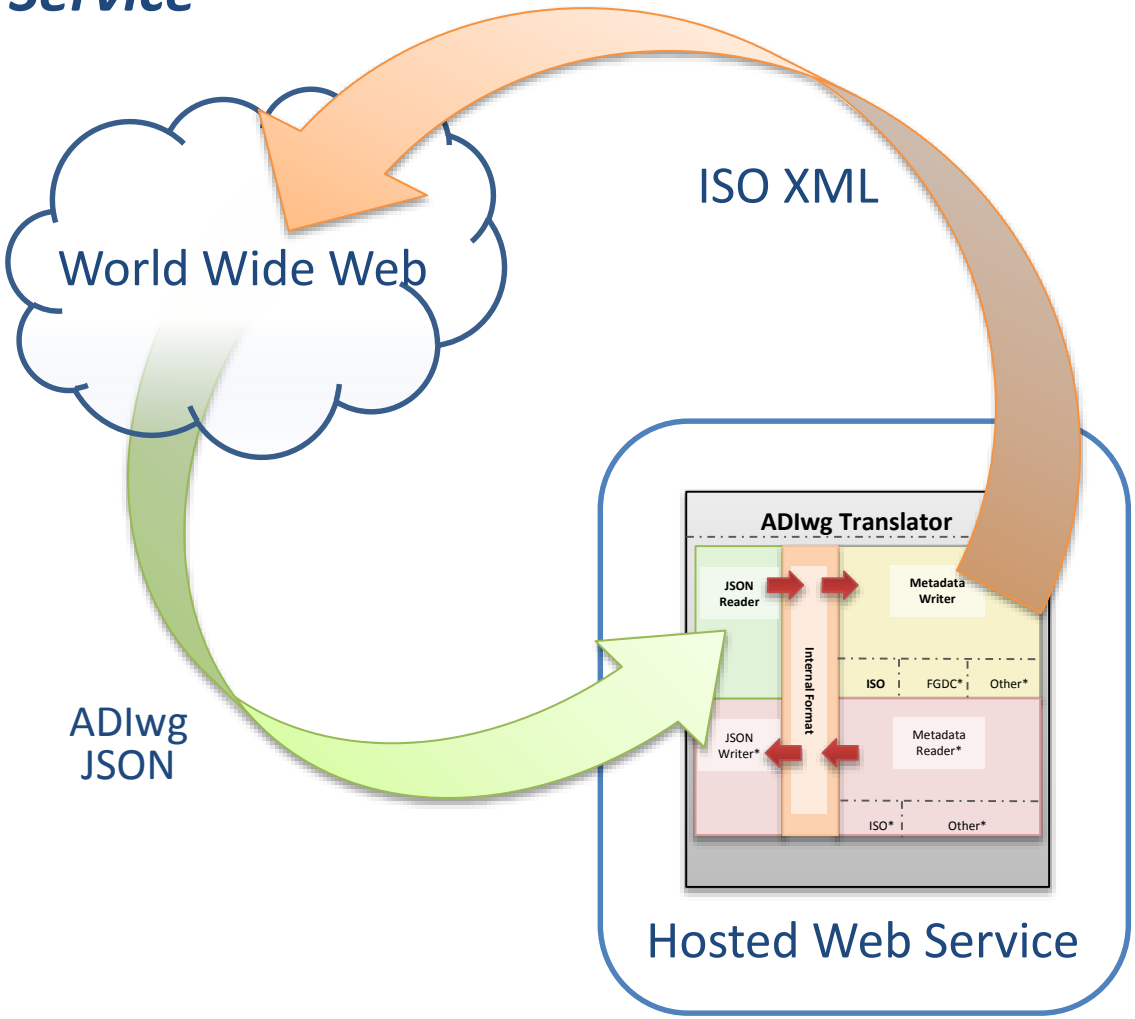


mdTranslator Primer



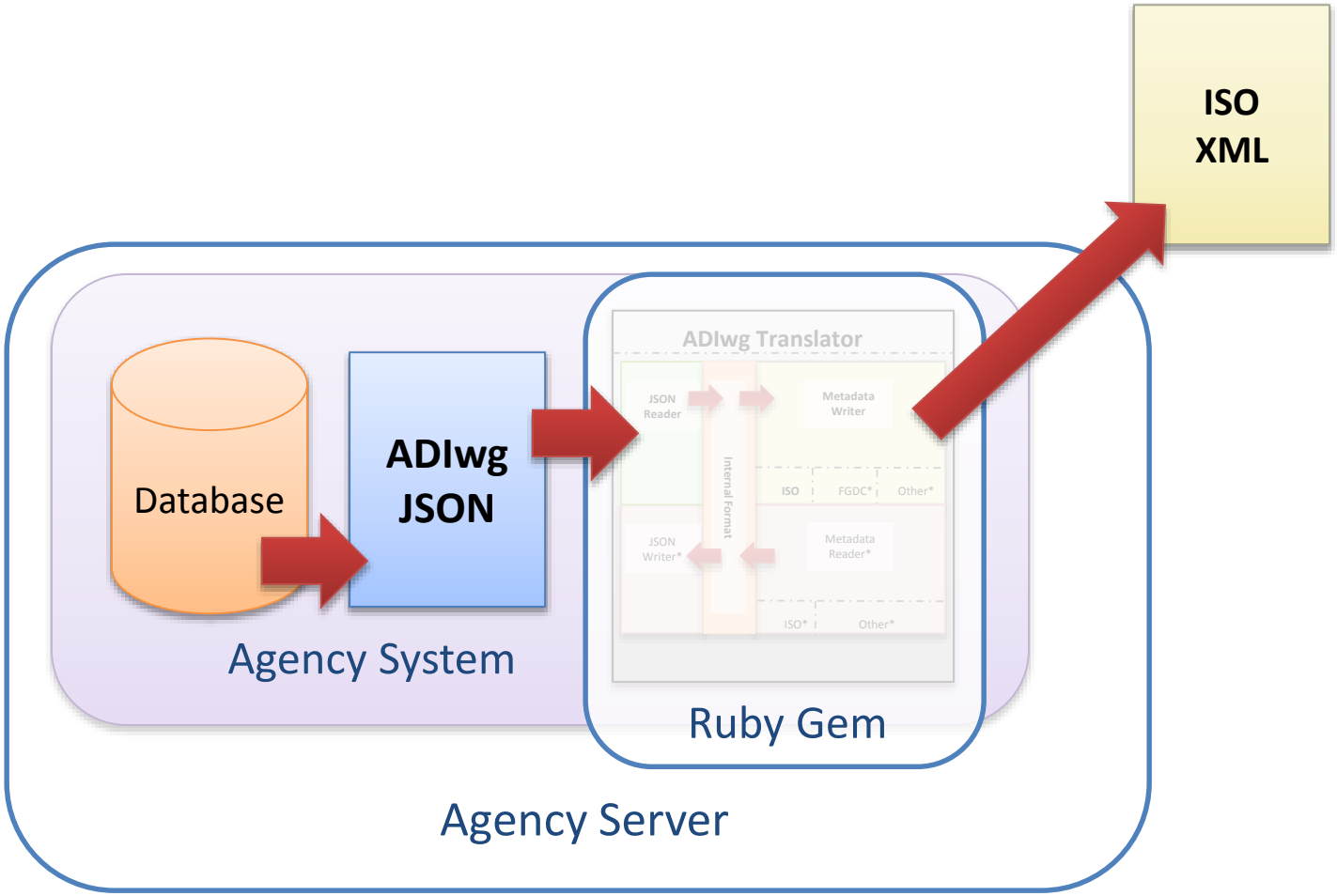
mdTranslator in Practice

1. Translator as: ***Web Service***



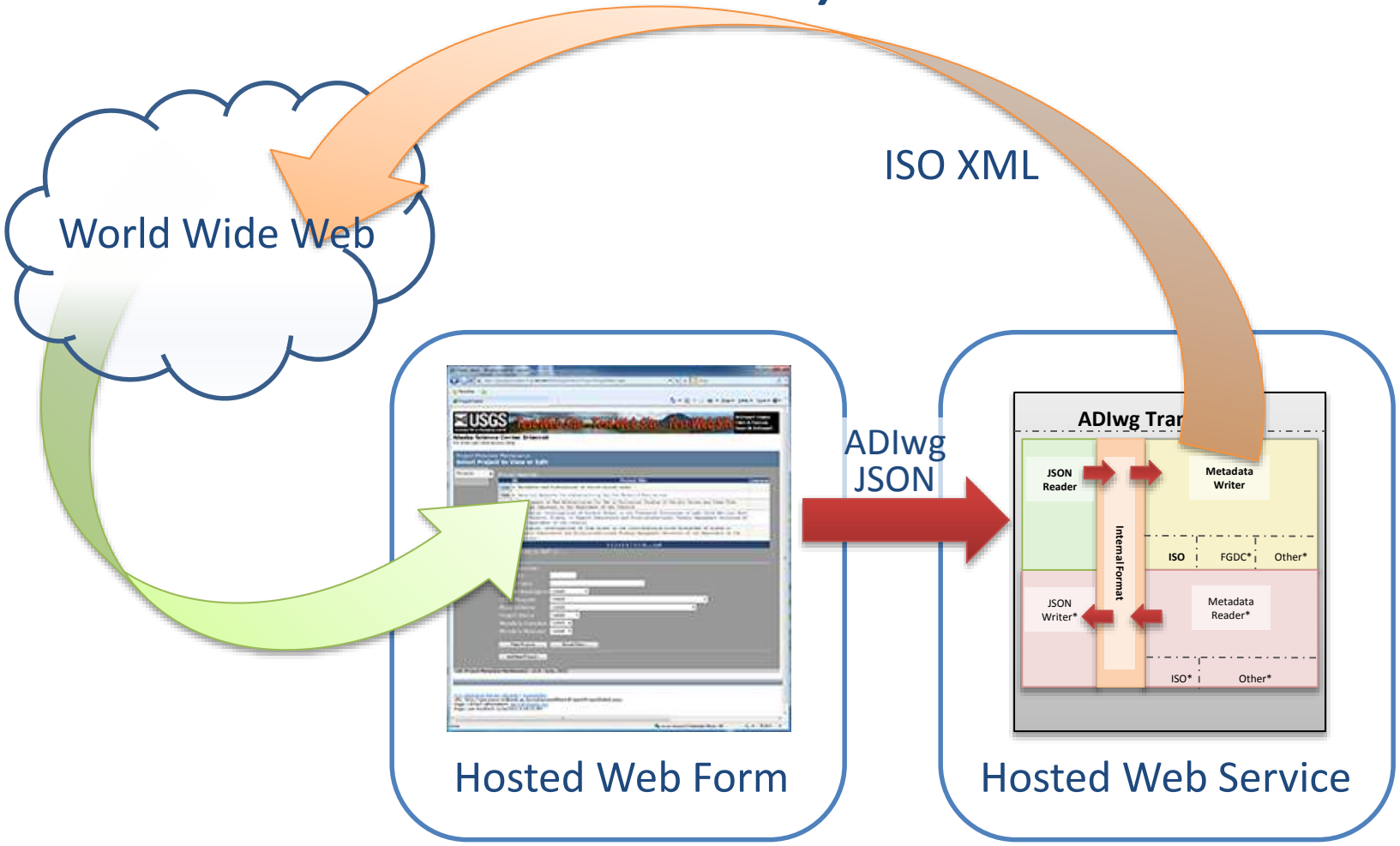
mdTranslator in Practice

2. Translator as: ***Integrated System Component***



mdTranslator in Practice

3. Translator as: ***Online Metadata Editor/Translator***



Discussion?