INFOD BOF
Information Dissemination BOF
A Proposal to form a Working Group

GGF10
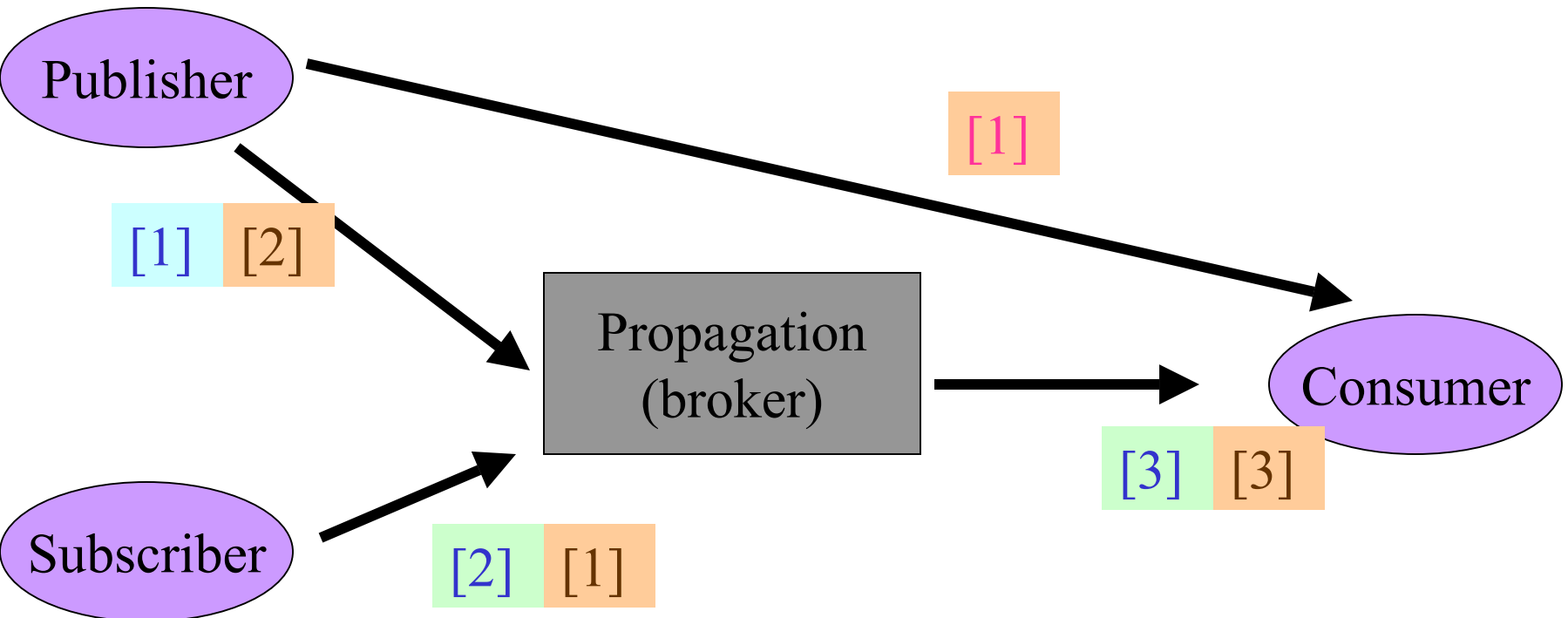
Dieter Gawlick, Susan Malaika

Agenda

- Welcome
- Charter
  - Susan Malaika, 20 mins
- INFO-D Overview and Use Cases
  - Dieter Gawlick, 20 mins
- INFO-D Friends and Family, 30 mins
  - INFO-D and DAIS and OGSA Data Service – Dave Pearson
  - INFO-D and OREP – Ann Chervenak
  - INFO-D and RGMA – Steve Fisher
  - INFO-D and WS-Notification and WSRF – Susan Malaika
- INFO-D Discussion, 20 mins

INFO-D Charter : Goals

- Motivation:
  - Replication, Third party delivery and pub-sub patterns
    - Need Information Dissemination in multiple use cases
  - GGF10 Data Area Structure and Function Analysis Document
    - Identified Information Dissemination as a gap
- Goals:
  - Define the operations and interfaces necessary to support information dissemination
  - Define realizations for typical scenarios, to hide the complexity of the wide range of INFO-D options
  - *Position the INFO-D model with respect to the WS-Notification specifications which serve as the underlying framework for INFO-D*

Some Elementary Scenarios

Publisher

[1]

[1] [2]

Propagation (broker)

Consumer

[3] [3]

Subscriber

[2] [1]

Pattern A - Spam

Pattern B - Pub Sub (Classic)

Pattern C - Sub Pub

INFO-D Charter : Deliverables

- **Deliverable/Milestone 0 - GGF9 :**
  - Data Distribution in the Grid Environment, includes publish & subscribe scenarios
    - On DAIS Website, Updated for GGF10
  - Third Party Scenarios (DAIS third party delivery scenarios)
    - On DAIS Website
- **Deliverable/Milestone 1 - GGF11:**
  - Information Dissemination Specification, outline, draft 1
    - Replication realization specification, draft
    - Third party delivery realization specification, draft

INFO-D Deliverables

- **Deliverable/Milestone 2 – GGF12:**
  - The Specifications of Information Dissemination, draft 2
    - (Recommendation document)
  - Further realizations possible, e.g., publish subscribe, workflow
  - Typical Scenarios of Information Dissemination, draft 1,
    - (Community Practice document)
- **Deliverable/Milestone 3 – GGF13:**
  - The Specifications of Information Dissemination, draft 3
    - (Recommendation document)
  - Typical Scenarios of Information Dissemination, draft 2
    - (Community Practice document)
- **Deliverable/Milestone 4 – GGF14:**
  - The Specifications of Information Dissemination, recommendation
    - (Recommendation document)
  - Typical Scenarios of Information Dissemination, draft 3
    - (Community Practice document)

Proposed INFO-D People

- Co-Chairs: Dieter Gawlick, Susan Malaika
- Secretary: Steve Fisher
- WebMaster GridForge: Chris Kantarjiev
- Liaisons:

Various Speakers

GMA Items

- Directory concept instead of broker
  - Stored in a relational database
- Consumers can find out about producers
- Producers cannot find out about consumers
  - Some debate about this

WSRF and WS-Notification Relationship

- WSRF

  – Various entities are WS-Resources, e.g., a subscription

- WS-Notification

  – Examine re-factored specifications to determine if INFOD specification can be written as an addition to the WS-Notification family

Discussion

- Who wants to be co-chair?
- Who wants to:
  - Contribute scenarios and use cases?
  - Write the scenarios document?
- Who wants to:
  - Write parts of the specification?
- Who wants to participate in the mailing lists?
- Who wants to be liaisons?