Whence the DTN RI?

*lots of questions, no answers*

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DTN2—a tremendous success

• DTN2, the reference implementation, has been a tremendous success.
• Mike Demmer, the primary author, has been working long hours and writing reams of code.
• People are using it in several research projects.
• DARPA funded a major refactoring to make DTN2 a better platform for experimentation.
• Intel has been generously funding substantial work.
DTN2—what of the future?

- At some point (soon) Mike will graduate and (probably) not be able to spend as much time maintaining DTN2.

- DARPA's mission is to speed the maturation of nascent technology, not support mature technology.

- Intel has been very generously supporting DTN2 work. This may not continue forever.
Whence the DTN RI?

• What will happen to the reference implementation?

• What can we do to ensure that work continues on the RI?
  – Will an army of volunteers take it over?
  – Will it be pushed out to Sourceforge, and left to fend for itself?
  – Will it wither away?

• (OK, that last one was too melodramatic.)
What do we want from the DTN RI?

- What do we, the community, want the RI to do for us?

- Several (conflicting) possibilities:
  - Platform for experimenting with the protocol
  - Platform for experimenting with routing
  - Teaching tool for understanding how the bundle protocol works
  - A building block for constructing DTNs.

- How will we decide? Who will fund it? Who will do it?

- This is a discussion we should have as a community.
Free Beer

• To encourage a spirited, open, and inspired discussion, I propose we meet at the bar after the plenary tonight.
• To encourage attendance, I will buy the first round.

• Location: The Field House. Time 7:30PM.
  – Cross 3rd floor skybridge to Convention Center, go down escalator to street level. The entrance is behind the escalators.

• Notes:
  – Remote attendance is likely to be impossible.
  – Results will be summarized and posted to dtn-interest.
  – Note to DARPA: this is not getting billed to you.