Paving the Bare Spots

Why standards and interoperability policy are only necessary, not sufficient, and how eGov can close the gap.

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Last night I saw upon the stair
A little man who wasn't there
He wasn't there again today
Oh, how I wish he'd go away

*Harold Adamson
Bernie Hanighen*
Defense Service Bus

NCES-SDK, FCS-SOSCOE, etc

Both can “work”
The second works better
Paving the Bare Spots

How to keep students off the grass?

- Punish the transgressors
- Keep off the grass signs
- Interoperability policy directives
- Or pave the bare spots
- Make the desired behavior the easiest one
- Provide a reference implementation that projects can pick up and use.
Standards are only necessary, not sufficient. You also need a working implementation that projects can use.

- Don’t expect every service developer to understand and implement the standards correctly.
- Encapsulate the standards in a service bus reference implementation.

Keep the infrastructure independent of the services that use it. In *enterprise* space, not *project* space.
Enterprise Space

A digital space within which an enterprise infrastructure is owned, designed, developed and deployed, separate from projects that use it.

- Governed by a foundation similar to Apache Software Foundation (ASF) with long-term ownership responsibility. See [http://GIGlite.org](http://GIGlite.org)

- Web site and collaboration tools (Subversion, Bugzilla, etc)

- Staffed by volunteers from interested projects

- Work revolves around working prototypes contributed by the members (no design by powerpoint). Meritocracy.

- Membership determined by the foundation
Consensus Process

- Working Prototypes
- Internal Standards (KIPs)
- Reference Implementations
- Compliance Tests