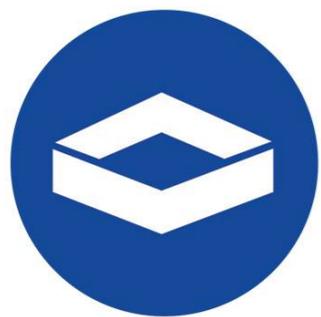# Paving the Bare Spots

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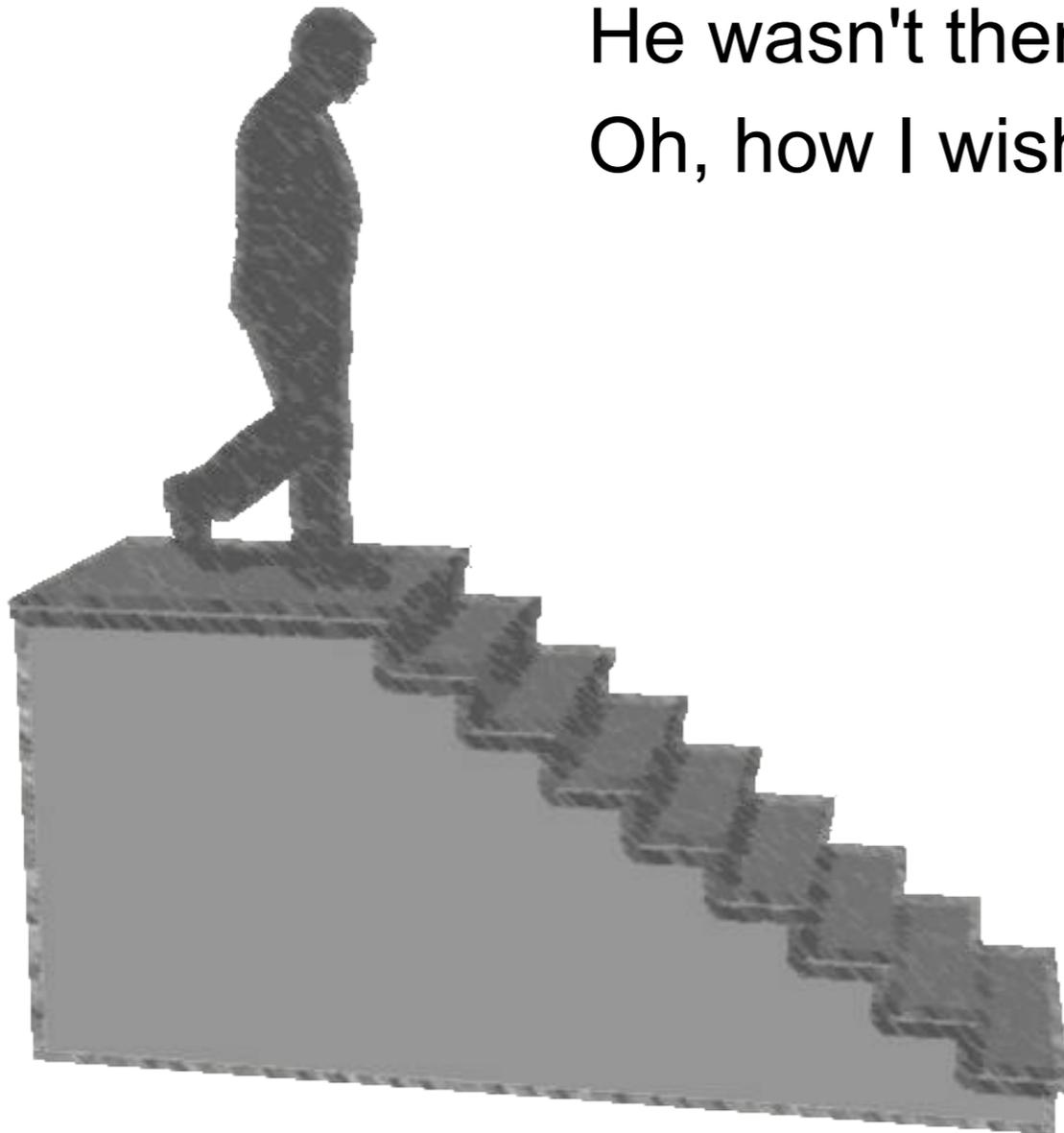
Gestalt

Brad Cox, Ph.D.
Chief Architect; Gestalt LLC
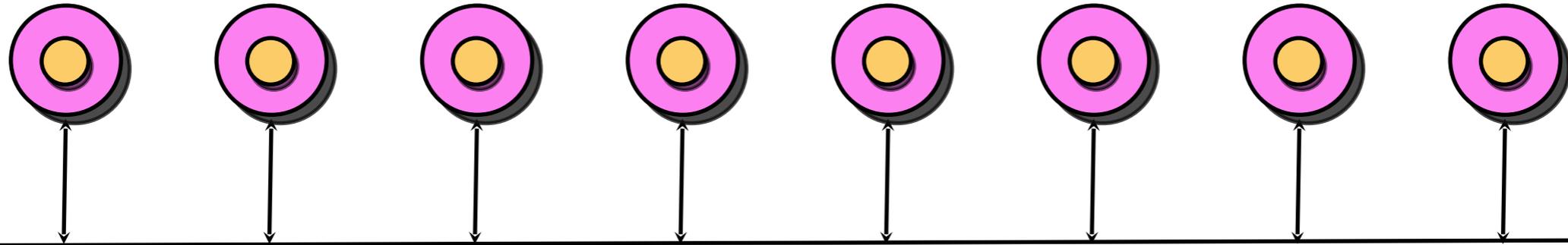
for GIGlite.org

The little man who wasn't there

Last night I saw upon the stair

A little man who wasn't there
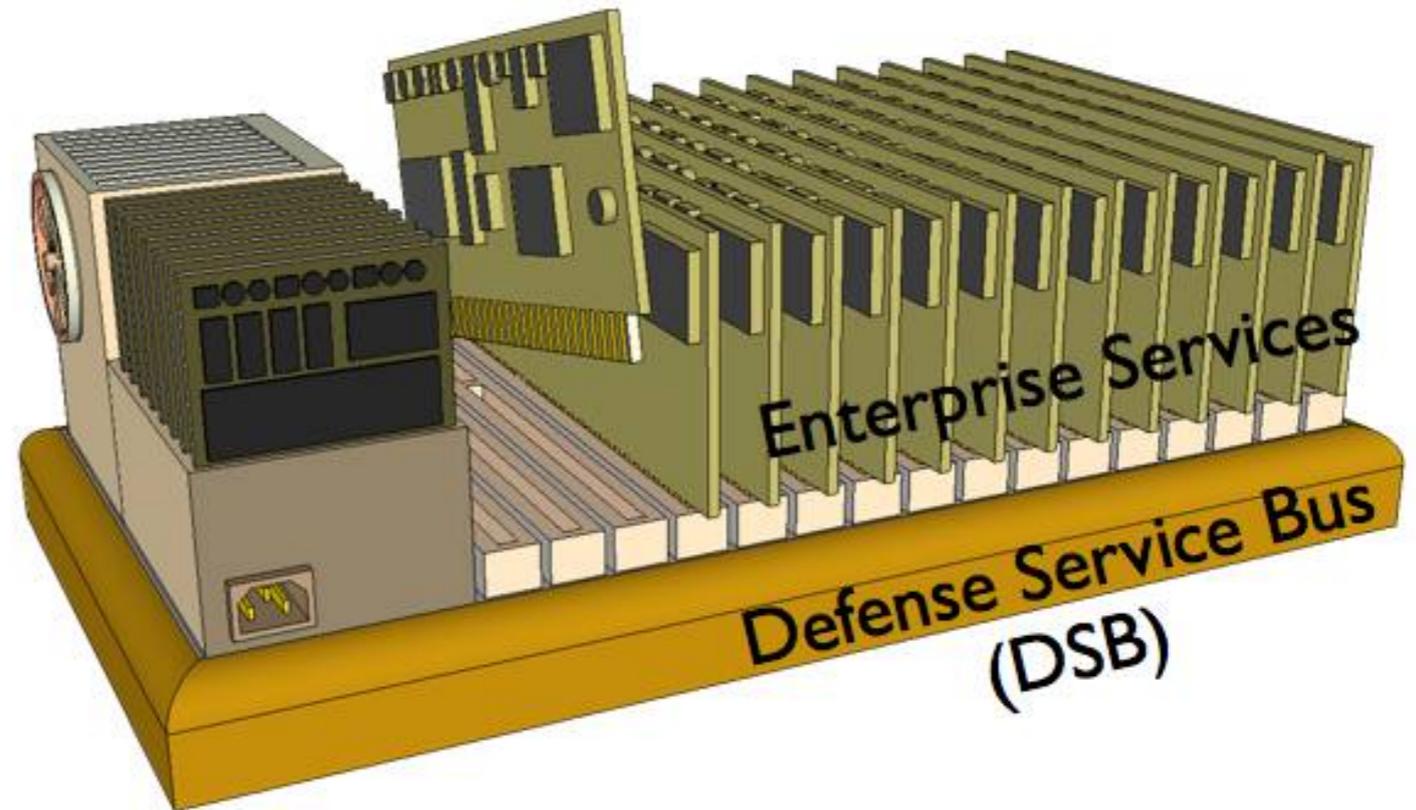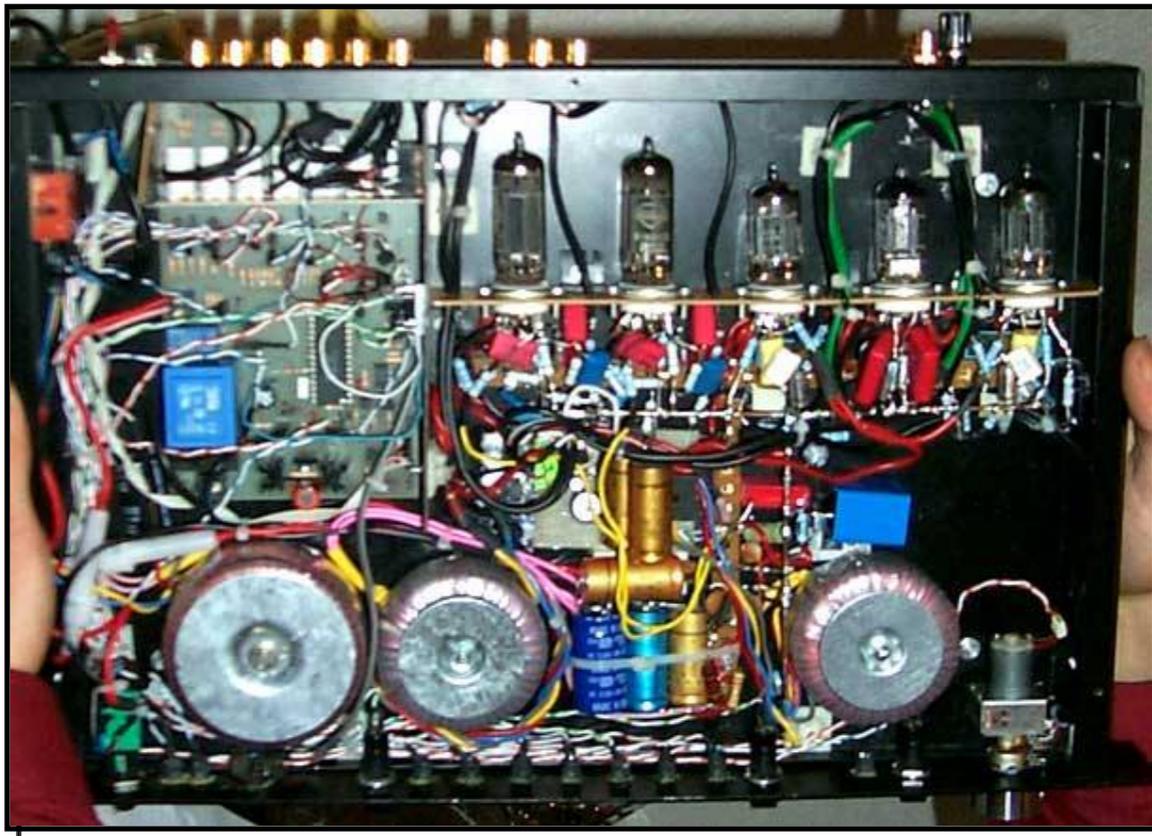
He wasn't there again today

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

3

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

Provide a reference implementation tha
projects can pick up and use.

Paving the Bare Spots

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

- 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

Consensus Process

Internal Standards (KIPs)
Reference Implementations
Compliance Tests