Starting Right

DILBERT®

BY SCOTT ADAMS

LET'S HAVE A PRE-MEETING BEFORE YOUR MEETING WITH OUR VICE PRESIDENT.

DON'T MENTION ANY PROBLEMS BECAUSE HE MIGHT TRY TO FIX THEM.

DON'T SAY ANYTHING ABOUT BUDGETS OR DEADLINES BECAUSE HE MIGHT REDUCE THEM.

LEAVE OUT THE TECHNICAL STUFF BECAUSE IT WILL ONLY CONFUSE HIM.

THAT LEAVES ME NOTHING TO TALK ABOUT.

HELLO... AND IN SUMMARY, ARE THERE ANY QUESTIONS?

WOW! THAT'S THE FIRST PRESENTATION THAT HASN'T MADE ME FEEL NAUSEATED OR DIZZY! GREAT JOB!

WHY DOES SUCCESS MAKE ME HATE HUMANITY?

THEY DESERVE IT.

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Motivation

In preparing for battle I have always found that plans are useless, but planning is indispensable.

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- Adm. Painter: What's his plan?
  Jack Ryan: His plan?
  Adm. Painter: Russians don't take a dump, son, without a plan.
 Agenda

- What is LOGPARS?
- LOGPARS history
- How LOGPARS works
- Features
- Benefits
- DMSMS Road Ahead
- Questions
What is LOGPARS?

A web-enabled expert system assistant for:

- Preparing program planning documents
What is LOGPARS?

A web-enabled expert system assistant for:

- Preparing program planning documents
- Updating program plans
- Evaluating programs
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- Preparing program planning documents
- Updating program plans
- Evaluating programs
- Making decisions
- Obtaining guidance
- Enforcing Planning Process
It's a small world, but I wouldn't want to paint it.

– Steven Wright
Why LOGPARS?

“A Brief History”

1984 GAO Study

“… [the Army has the best ILS policy, but the worst execution.] ...”
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• Generated ILSP and Warranty information based on current regulations and policy.
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1989 - 1994 Continuous Enhancements

• New documents were added: SOW, MFP, Transportability Report, etc.

• Adapted for other services: Navy, Air Force, Marine Corps, FAA, etc.

• User feedback
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• DOCSHELL solutions initiated by Australia, Department of Agriculture, and SARDA.
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Now
• LOGPARS continues to be enhanced to accommodate the latest regulations, policy and procedures that exist in the area of Life Cycle planning.
• DOCSHELL leverages the latest software application technologies. (e.g. Java, HTML)

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“A Brief History”
Random Mental Vacation

- Much of the social history of the Western world over the past three decades has involved replacing what worked with what sounded good.
  
  – Thomas Sowell
How does it work?

LOGPARS Integrated Documents

- Acquisition Strategy
- Supportability Strategy
- PBL Strategy
- Materiel Fielding Plan
- Provisioning Plan
- Performance Based Agreement
- ILS Statement of Work
- Transportability Report
- Supportability Assessment
- And more…

USAMC LOGSA--Supporting Warfighters Globally
Features

- Alternative document authoring process
  - Provides a “ground-up” approach to authoring planning documents as opposed to a “Copy-Paste” approach.
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- Reviewer commenting capability
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- Supports multi-user/team efforts
- Automatic data sharing
- Continuous consistency checks
- Reviewer commenting capability
- Ensures an Expert planning process
Random Mental Vacation

- Time sneaks up on you like a windshield on a bug.
  
  – Jon Lithgow
LOGPARS Benefits

- Reduced time to prepare plans
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- High quality planning decisions and documents
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- Minimizes costly requirements omission/duplication
- Easy to expand, enhance, & update the Knowledge Base
Exceeds Template Capabilities

- Consistency warnings
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- Consistency warnings
- Dynamic answer lists
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- Dynamic answer lists
- Dynamic text insertion
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- Dynamic answer lists
- Dynamic text insertion
- Extensive derivation logic
Exceeds Template Capabilities

- Consistency warnings
- Dynamic answer lists
- Dynamic text insertion
- Extensive derivation logic
- Accommodates intricate conditional logic
Model and improve your business processes
Powerful Capability

● Model and improve your business processes

● Develop your modules locally
  – Unlimited number of users
  – Unlimited number of modules
  – Apply to any functional area
  – No programming experience required
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- Easy to enhance and modify
- Integrated Data Environment
Bottom Line

- Proven technology
  - LOGPARS
  - Other DOCSHELL applications
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- Web-based software
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- Proven technology
  - LOGPARS
  - Other DOCSHELL applications
- Web-based software
- No software licenses
- Minimal cost to customize
- Continuous state-of-the-art improvements
THIS IS A PROTOTYPE OF THE PRODUCT I'VE BEEN DEVELOPING FOR THE PAST YEAR.

I MODIFIED A PAIR OF STANDARD NOISE-CANCELLATION HEADPHONES TO RECOGNIZE STUPIDITY AND BLOCK IT BEFORE IT REACHES YOUR EARS.

PUT THESE ON AND YOU'LL ENJOY THE TOTAL BLISS THAT COMES FROM AVOIDING THE CHATTER OF IDIOTS.

DO THEY WORK?

WHAT?

I SAID, DO THEY WORK?!!

DOES ANYONE HAVE ANY QUESTIONS?

THOSE ARE ORDINARY HEADPHONES. AREN'T THEY?

IF YOU ACT LIKE YOU CAN'T HEAR, THEY'RE A PROTOTYPE.
DMSMS Road Ahead

- Brainstorming Session 20 Sep 05
- Working Group Approval
- Development contractor on contract for work
- Train development contractor
- Identify Experts
- Knowledge Engineering
- Document Development
- Test, Update, Test cycle
Work So Far

- 20 Sep 05 Brainstorming session
  - Initial Outline
  - Initial Questions
Work So Far

- 20 Sep 05 Brainstorming session
  - Initial Outline
  - Initial Questions

- Working Group approval
  - Mostly…
16 Dec 05
- Friday after workshop
Train Developers

- 16 Dec 05
  - Friday after workshop
- Continuous help provided
Knowledge Engineering

- Identify experts
  - Working group provided
  - Start with same group from brainstorming session
Knowledge Engineering

- Identify experts
  - Working group provided
  - Start with same group from brainstorming session

- Interview experts
  - Onsite initially
  - Follow up by telephone or VTC
Identify major and minor elements
  - By Service
  - By Acquisition phase
  - By Acquisition Type
    - NDI, Developmental, …
Document Design

- Identify major and minor elements
  - By Service
  - By Acquisition phase
  - By Acquisition Type
    - NDI, Developmental, …

- Flowchart logic paths and possible text outcomes
Document Development

- Code questions into Data Element Editor
- Code document logic and output text into Document Editor
Test, Update, Test Cycle

- Alfa Test
  - Subject Matter Experts
Test, Update, Test Cycle

- **Alfa Test**
  - Subject Matter Experts

- **Refine**
  - Questions, document logic, derivation rules based on test
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- **Release**
Post Fielding -- Sustainment

- If it is not supported it will eventually not be used
  - Update knowledge base to reflect new policy
  - Update knowledge base to reflect new experience
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- Two support options
  - Option one
    - Central funding and access to SMEs from each service
  - Option two
    - Service funding and access to SMEs from each service
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- Bottom line
  - Must be updated to be meaningful
Summary

- It helps enforce policy in the planning phase
Summary

- It helps enforce policy in the planning phase
- It is supported
Summary

- It helps enforce policy in the planning phase
- It is supported
- It is adaptable
Summary

- It helps enforce policy in the planning phase
- It is supported
- It is adaptable
- It helps enforce policy in the planning phase
Questions ?