PDS4: Realizing the Benefits

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Immediate Benefits Realized

1. No More Keyword Arguments
2. “Product” is the New Granule
3. Predictability
1. No More Keyword Arguments

Data-specific metadata not already in the Information Model can be defined by data preparers using the same tools PDS uses.

• The core namespace provides the common basis for definition
• Other namespaces define localized contexts
• Namespace defines the boundary for delegated governance
• Namespace boundaries isolate development and change
2. “Product” is the New Granule

...And *everything* is a product.

- Every product has a unique identifier in the system.
- Every product has metadata to describe its form, content, context, and interpretation.
- Products can cross-reference each other directly.
- Search and selection of products is supported universally through the label metadata, *not* physical proximity.
3. Predictability

- Model-driven design ensures that common attributes are named *first* and carried through consistently.
- XML Schema implementation enforces strict ordering in nearly all aspects of product labels.
- Discipline namespaces provide recipes in discipline-specific terminology for field metadata.
Questions?

• Answers
Shameless Plug

• See also my posters:

**Getting a Handle on PDS4 Labels** (#7049)

**PDS4: Ask Me Anything!** (#7051)