

In W3Partnership's experience of creating DataPower operations, the usual approach is to create a DataPower Multi Protocol Gateway or Web Service Proxy per service or WSDL. This is time consuming and repetitive, particularly when similar processing is required for each service. W³Partnership have IP which helps customers implement DataPower quickly with a consistency of approach. The tool is called W3 Pattern Application Developer (W3PAD).

W3PAD provides a pattern, (or a set of patterns), which can be used for all services instantiated thereafter, following the principles of SOA and reuse. The purchase of W3PAD includes:

- **On-site training** in the use of [W3PAD](#)
- **Design Guidance** of the appropriate pattern that suits the client environment.
- **First Project Mentoring** - a design and code review your first project implementation.

Objectives

Ensure our clients achieve:

- Ease of use
- Reusability
- Consistency of behaviour
- Commonality of function
- Ease of construction
- Ease of maintenance

Approach

The patterns created are flexible and can cater for most scenarios, for example; validating a message, performing authorisation, authentication, transformations, error handling, performance logging and auditing. Each option can be turned on or off for each service, and is all driven via configuration files, making development and deployments simpler and easier.

DataPower Fast Start

Key Issues

- Removal of repetitive tasks
- Lack of skills in the use of DataPower devices?
- Having trouble tracking which services have been developed and deployed?
- Is development time adversely impacted as each project struggles to integrate seamlessly?

Benefits

- Patterns based approach ensures consistency of behaviour
- Automated versioning of Services
- Record of deployments made

Deliverables

- Review of existing patterns and deployments
- On-site training in the use of W3PAD
- Design guidance in the appropriate pattern(s) to suit the client environment.
- First Project Mentoring to design and code review your first project implementation.



info@w3partnership.com

Tel: 0845 8685041 Fax: 0870 4712039

WWW.W3PARTNERSHIP.COM