

## Data flow and job design: Establishing standard practices for job design

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### Highlights

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- **Learn IBM standards and development practices for IBM® WebSphere® DataStage®**
- **Inventory, review and capture existing job design standards**
- **Benefit from mentored job development and hands-on experience**
- **Integrate IBM standard practices and methodologies with existing practices**

### Data flow and job design

The Data Flow and Job Design workshop helps clients establish standard practices for the design and development of parallel jobs, using IBM WebSphere DataStage (formerly WebSphere DataStage Enterprise Edition) to apply standard practices to clients' environment, business and technical requirements. The result is delivery of a customized standards document as well as custom job designs and templates for a focused subject area. This workshop is suited for new or intermediate clients who have completed WebSphere DataStage classroom training and are ready to investigate optimal WebSphere DataStage configuration options tailored to their specific environment.

### Discovering improvement opportunities

Led by a senior technical architect from the IBM Advanced Consulting Group, the workshop begins with a review

of the client's existing environments, with an emphasis on the business and technical reasons behind the particular settings and configurations in place. The purpose of the review is not only to understand the existing environment, but also to identify potential areas for enhancement and optimization so that options can be explored during the job design portion of the engagement. Throughout the discovery session, the technical architect shares information on IBM standard practices and approaches as these relate to the client's specific needs.

### Choosing the right solutions

The IBM technical architect presents the different types of tasks that can be performed within the WebSphere DataStage processing environment. For each task reviewed, the goal is both to demonstrate that task's inner workings and to determine the best way to apply it to the target environment.

**Partnered job design**

An IBM senior consultant works together with client technical staff to apply the specific findings and conclusions to the client's processing environment. The partnered job design is a hands-on activity; its purpose is to select a number of jobs that are representative of major development requirements and have client staff create or modify them accordingly. The senior consultant observes and assists with the process, and then provides a critique of the outcome.

**Standard practice documentation**

The workshop concludes with the customization of IBM standard practice documentation for job design based on the client-specific outcomes and IBM recommendations determined during the exploration and recommendation portion of the engagement. The customized documentation is intended to serve as a development blueprint that can be applied to future projects and development areas.

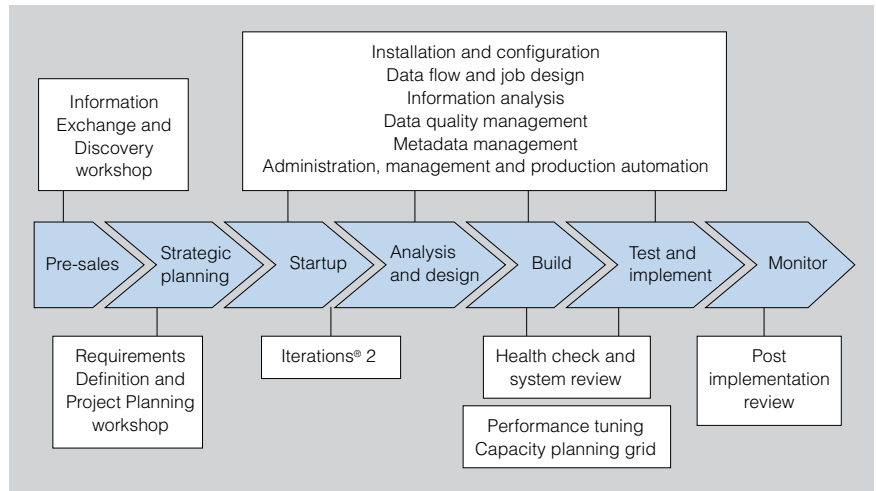


Figure 1. Services offerings within the software development life cycle

**IBM Information Integration Solutions**

IBM offers a broad set of service offerings designed to maximize success with the IBM Information Integration Solutions through standard practices developed across numerous successful deployments. Intended to establish a foundation of product knowledge and guidelines, these strategic workshops are customized to the client's existing environments, standards and methodologies.

Throughout the project life cycle, IBM provides a comprehensive set of service offerings using IBM Information Integration Solutions, as seen in Figure 1.

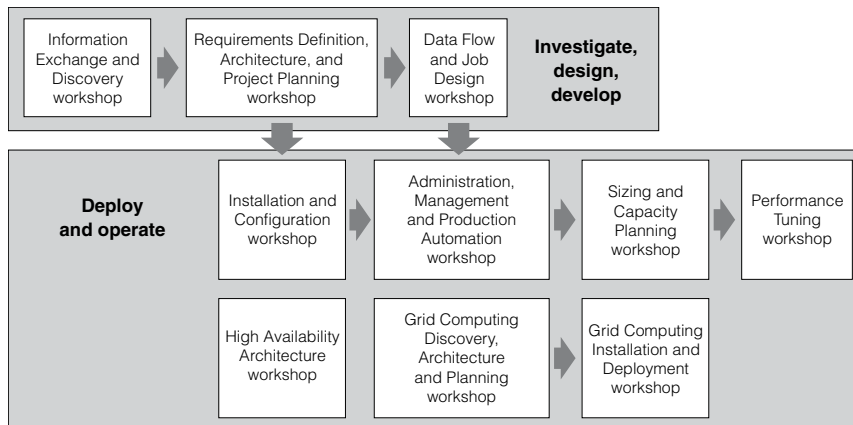


Figure 2. Services workshops for the WebSphere DataStage parallel framework

Figure 2 illustrates the various IBM Information Integration Solutions workshops around the parallel framework of WebSphere DataStage software.

The objective of IBM Information Integration Solutions is to provide the most cost-effective and expedient means of achieving project goals using the IBM Information Server platform, repeatable processes and consistent deliverables. To achieve these goals and ensure the continued success of

the initiative, IBM employs standard methodologies, proven consulting expertise and experience refined throughout hundreds of successful client data integration engagements.

**For more information**

For more information about the Data Flow and Job Design workshop or other IBM Information Integration Solutions offerings, please visit [ibm.com/software/data/integration](http://ibm.com/software/data/integration)



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