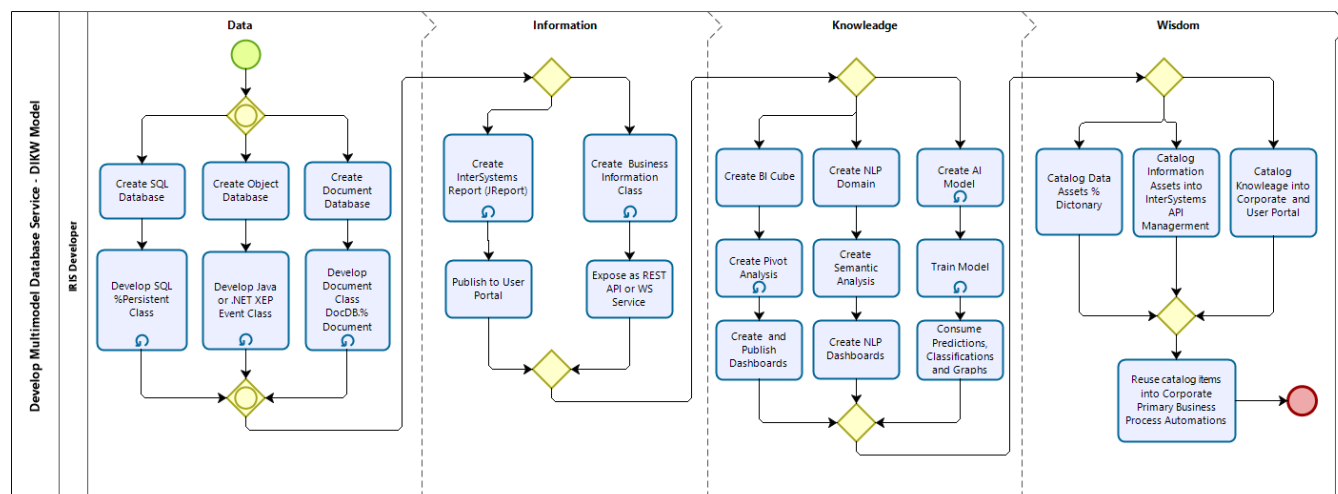


Article

[Yuri Marx Perei...](#) · Jul 4, 2020 1m read

Develop multimodel database services using DIKW Model



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The InterSystems IRIS has functions that allows create DIKW digital services. A few products have the ability to transform data into wisdom, according to the following pyramid.

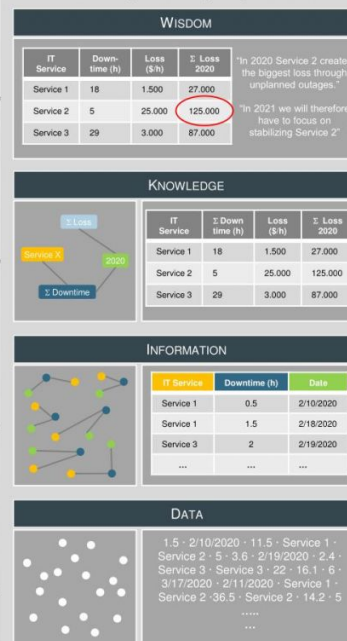
The DIKW Pyramid

ABSTRACT

Representation of the relationships between data, information, knowledge and wisdom.
The more we enrich data with meaning and context, the more knowledge and insights can be gained.
Finally, the gained insights are used to guide actions.

EXAMPLE

IT Service Outages and corresponding Revenue Loss



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With IRIS we build data in many formats and purposes (SQL, Document and Object). Using InterSystems IRIS

Reports (JReport) or creating business classes exposed as REST or WS services to deliver to applications and people for consume. So knowledge can be also produced from data and information creating BI and AI projects (with IntegratedML or ML Toolkit). Finally, IRIS allows catalog these digital assets to use into the primary business process automations in Angular, React, Portal, BPMN or other user options.

[#Databases](#) [#Data Model](#) [#InterSystems Business Solutions and Architectures](#) [#InterSystems IRIS](#)

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