

DIVERSITY

Whenever data has to be processed for several audiences and different criteria, the point will come where exceptions in the processing logic are necessary which were not foreseeable when the system was built. The probability for such exceptions increases with the diversity of the criteria. Criteria can be any dimension like product classifications, languages, marketing channels, user types, fee types, production dates and the like.

Instead of issuing 'New Feature Requests' which lead to new system releases it would be great if you could just configure the exceptions to the system. That's where FLUX comes into play.

CONFIGURATION

FLUX based solutions provide their logic as configurable building blocks. These building blocks can be combined however needed. Both their behaviour and the way they are composed is fully configurable based on free definable criteria combinations. With FLUX it is more like having rules which can be flexibly adapted to new situations than having hard wired logic.

- Configurations will be bequeathed which makes it possible to reduce them to the functional necessary ones
- Time to market can be dramatically improved
- FLUX can analyze configurations - the configuration is the documentation
- Customer specific libraries of building blocks can be developed and added to FLUX as plug-ins

VALIDATION

FLUX's unique architecture together with its validation infrastructure makes it possible to check nearly every aspect and act accordingly if something does not observe the rule. Validation building blocks can be configured wherever needed. They can check if required data exists, if a value or sum is in the desired range, if the data have a certain status and a lot more. FLUX based solutions often use data from other systems and ensure that they meet the requirements of the application. With the validation options of FLUX both the input data and the produced result can be validated.

- Validation results are written to the log and can be accessed and analyzed at anytime, the log is customizable so that it can be used for workflow control and quality assurance
- If FLUX is used to produce document output, layout aspects can also be validated
- With FLUX it is easy to handle processing output differently depending on the validation result