

PaR Introduction

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809 words
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PaR - Processes as Requirements

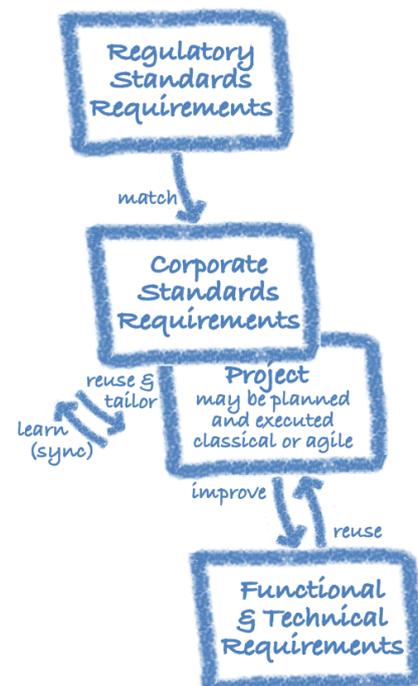
**Did your processes become a heavyweight backpack to be carried by the projects?
And not a lightweight intrinsic approach that really helps the projects?
It gets better when processes are designed as requirements that are reused in projects.
And this automatically suggests establishing process platforms for product platforms.**

Standards and processes should be an exoskeleton that helps the teams to move safely and efficiently through the storms of the projects. Instead, often the processes grow excessively over time, e.g. because they are designed by central departments that are acting far away from the projects, only looking at the standards. Then the exoskeleton rather becomes a heavy backpack that the projects have to carry in addition to the customers' load. When your teams start considering processes being rather extra effort than help, it is time again to listen to the projects' voice.

Actually, regulatory standards and corporate processes are just requirements saying "how" to do the "what" in a way of proven best practices. The latter ("what") often is given by a customer as functional and technical product requirements. So why not defining the former ("how") also as what they are? Requirements, that can be reused in projects and united with the other requirements in the same developer tool.

Defining the corporate standards in Processes as Requirements (PaR) that match regulatory standards and are reused in the projects, then improved by the projects and finally synchronized back to the corporate standards, looks like being a smart and intrinsic approach. This also eases tailoring of the processes by reusing, filtering and adapting dedicated process requirements sets.

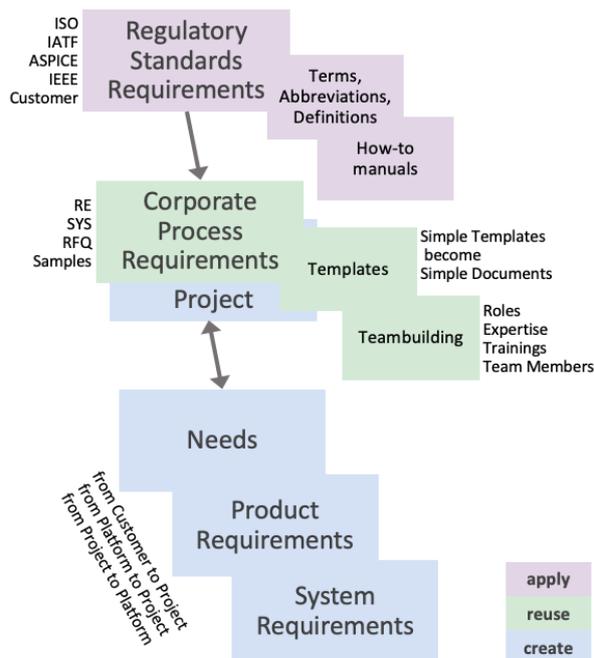
The steps can be repeated for each phase, stage, Sprint, release, sample, feature or however the project iterations or product increments are organized. The process requirements should be prepared accordingly, and maybe also in variants, e.g. for small local or large distributed projects, or maybe for projects with or without functional safety aspects. For agile organizations it may help to consider process requirements in the Epics, uniting "how" and "what" in the Backlog for all the "work to be done" as a holistic approach.



<https://ProcessesAsRequirements.info>

In all complex organizations that engineer complicated products, but also in many industries and special domains we see projects struggling with the regulatory standards and the corporate processes that are to be applied. During my coaching of complex projects in recent years I discovered 5 challenges. They all can be addressed by changing the way to deal with bulky standards and processes. Bringing these deeply into the projects makes them feel more intrinsic and natural. I derived dedicated needs from those challenges and went further down to method requirements to figure out a systematic methodology. I successfully applied a more basic approach during the past years at an automotive supplier and this was driving me to work it out more systematically. So, I created the PaR approach to address these challenges, finally based on the PaRis (PaR information system).

1. **Challenge:** How do you design corporate development processes that are flexible enough to be a **help** for all kinds of your projects?
Solution: Define the processes as requirements in dedicated sets that can be reused as needed in the projects applying the teams' standard RE tool!
2. **Challenge:** How do you **merge** all needed regulatory standards with the corporate development processes to make it a holistic approach?
Solution: Define the regulatory standards also as requirements and relate them to the corporate development processes with bi-directional traceability!
3. **Challenge:** How do you establish sustainable corporate development processes that can **learn** together with or from the project teams?
Solution: Unite the process requirements with the product requirements in the projects, but improve both platforms by synchronizing requirements!
4. **Challenge:** How do you ensure that your projects continuously **comply** with corporate development processes and regulatory standards?
Solution: When the standards and/or processes are pulled as requirements into the projects, the RE tool can monitor the bi-directional traceability!
5. **Challenge:** How do you **monitor** the actual progress of the project and product maturity, in addition to monitoring time and budget?
Solution: Defining a status for process requirements, adding templates for simple documents, and real reviews will help measuring progress in maturity!



This diagram of the PaRis (PaR information system) gives a good overview, and even better does “The Booklet”. Even more diagrams and further aspects are explained in “The Book”, e.g. organizing in teams, process platform for product platforms, measuring systematically, applying PaR in tools, complying with standards.

FREE for download now: **“PaR – The Booklet”** as **PDF**

https://ProcessesAsRequirements.info/downloads/PaR_The_Booklet.pdf

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Get “PaR – The Book” as draft PDF upon request from the website; it will also be available later as high-quality print.

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