Amadeus specifications templates

What?	📋 Recommended templates for specifications
	2 templates available to write back-end specifications :
	• ⊟ Product specification template structure
	• ⊟ Process specification template structure
	ℹ️ To write front-end or analytics specifications other templates or adaptation to these templates might be needed. Please join the following initiatives to work on
	• ⊟ Propose front-end specifications template
	• ⊟ Propose specification template - focus on analytics

Why?	**Why several templates?**
	A **product** is
	• an object, or system, or service, or microservice made available for consumer use
	• independent from its interfaces (there is only one product specification even if there are several interfaces for the product)
	A **process** (optional or mandatory) is
	• a step in a product
	• a sub part of a product
	• a piece of functionality
	• can be sometimes called feature

Create a process page

- when step is shared between several products
- when step starts to be big/complex

Examples:

- Issuance is a RES product that allows establishing a contract tying the customer to the travel provider. The issuance transaction involves
  - several processes such as transaction validation, pricing validation, payment validation, contract storage and reservation update.
  - Some of these processes are optional depending on input options or configuration parameters such as Form of Payment override option, Fare Discount validation, Air Canada Corporate Rewards call and Invoice Print Request.
- Search by Flight/Date/Name is a RES product that allows to search a PNR by flight, date and name, and it contains different processes such as Check LSS access rights and Search index databases.
- Flight Selection is a product provided by the Journey Server Application that allows to determine the flights that can be used for a given journey request, and it contains
  - different processes such as Explore route and Build Connections
  - Some of these processes are optional such as Apply stopover option and Check prohibited countries.

Who?	- 👥 By who? Amadeus product definition analyst community - 👊 For who? Anybody writing specifications in Amadeus
How?	A rough structure of the document with only mandatory element would look like the below graph. Please see the specific pages for the whole structure with all useful sections.

Option 1 with processes included in the product document	Option 2 with processes described in dedicated documents

Product specification template

Product title

Table of content

Preface

Overview
Summary
Context
Prerequisite

Diagram

Description

Limitations

Interfaces

Detailed processes

ProcessSpecification Template

Process Name
Summary
Pre-conditions
Post-conditions
Input/output
Description
Warnings/Errors
Examples
Associated configurations
Security settings
Context

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Description
Link to the Process
LInk to the Process
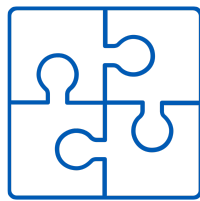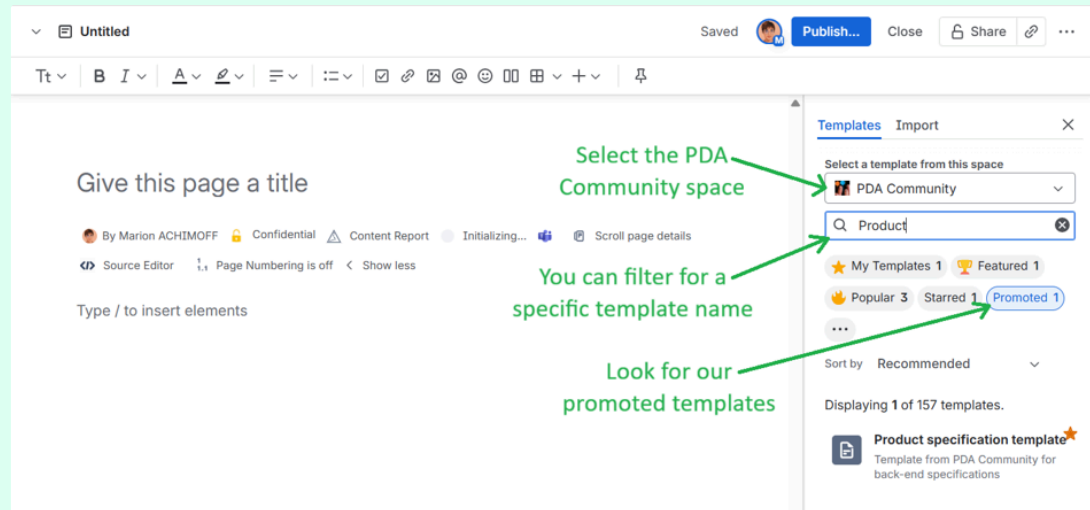Link to the Process

Limitations

Interfaces

For Confluence users

✅ **The templates are available in the PDA Community**

To use them, when creating a new page, select the template from the PDA Community space:

▣ Confluence Product template instance	▣ Confluence Process template instance

For MS Word users

You can find the [MS Word template](#) on the PDA core team sharepoint.

When?	👊 Especially useful when starting a job as product analyst
	⟳ Check it any time you write a new specification or review an existing specification.
	✅ To migrate your existing specifications to those new templates there are different ways:
	• one shot: unlikely for any department to have the budget needed for such work. Can be included in IP weeks or Quality Days for instance.
	• or at each small planned spec update, add on top the migration for that given specification. In this case the work can be included in the sizing as functional debt.

Adapting your specifications to those templates will bring quality, readability and lower gap analysis and maintenance tasks time.