Part 1
Introducing data in the PLM with the CATIA connector

PDM/PLM project informative session n°2

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EN-IM-PLM

Table of content

Introduction

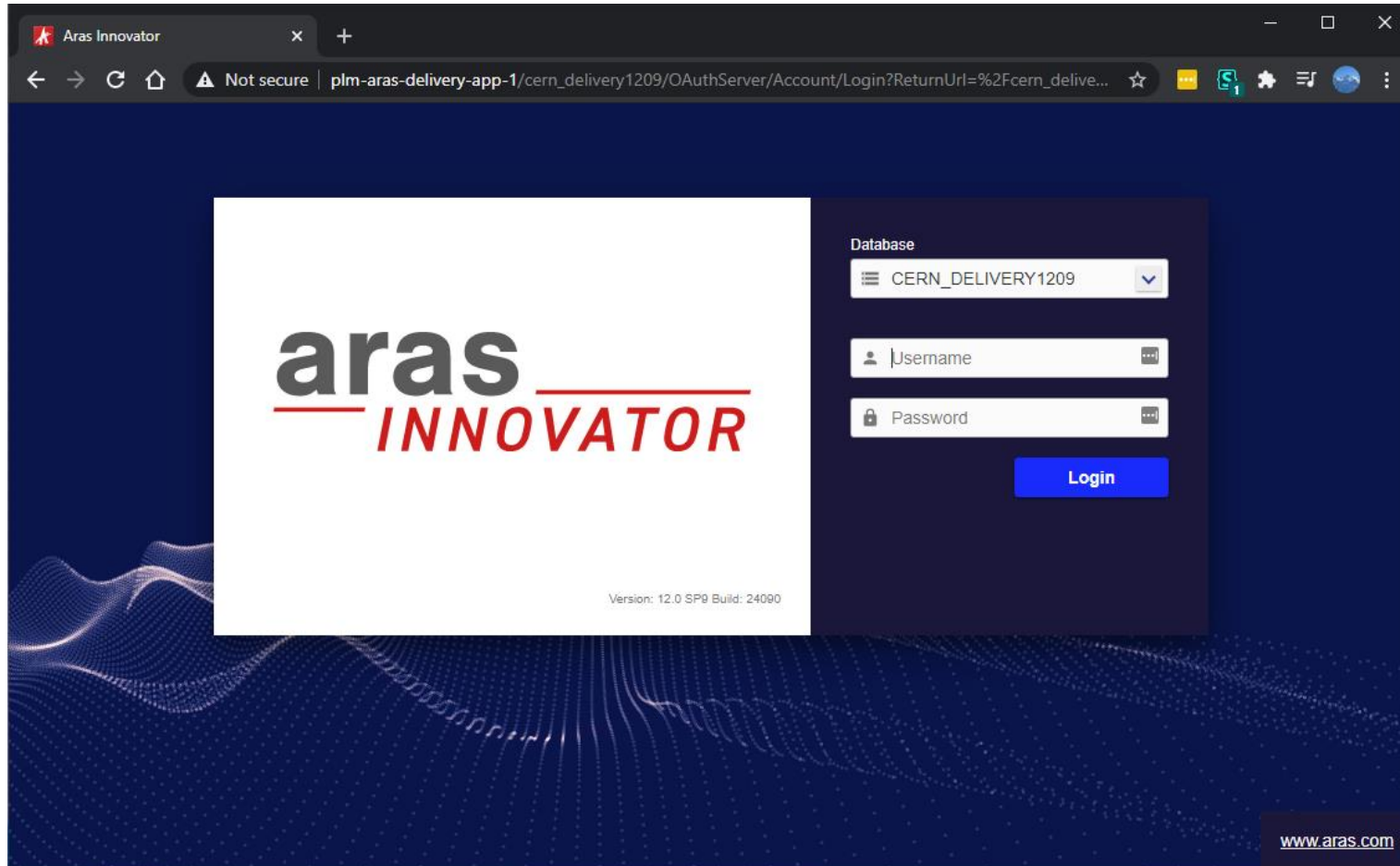- During the previous forum, you have been introduced to:

  - Aras overview

  - Tree navigation

  - Baselines

  - Metadata in CATIA tree

  - …

  - You can find previous presentations on Indico
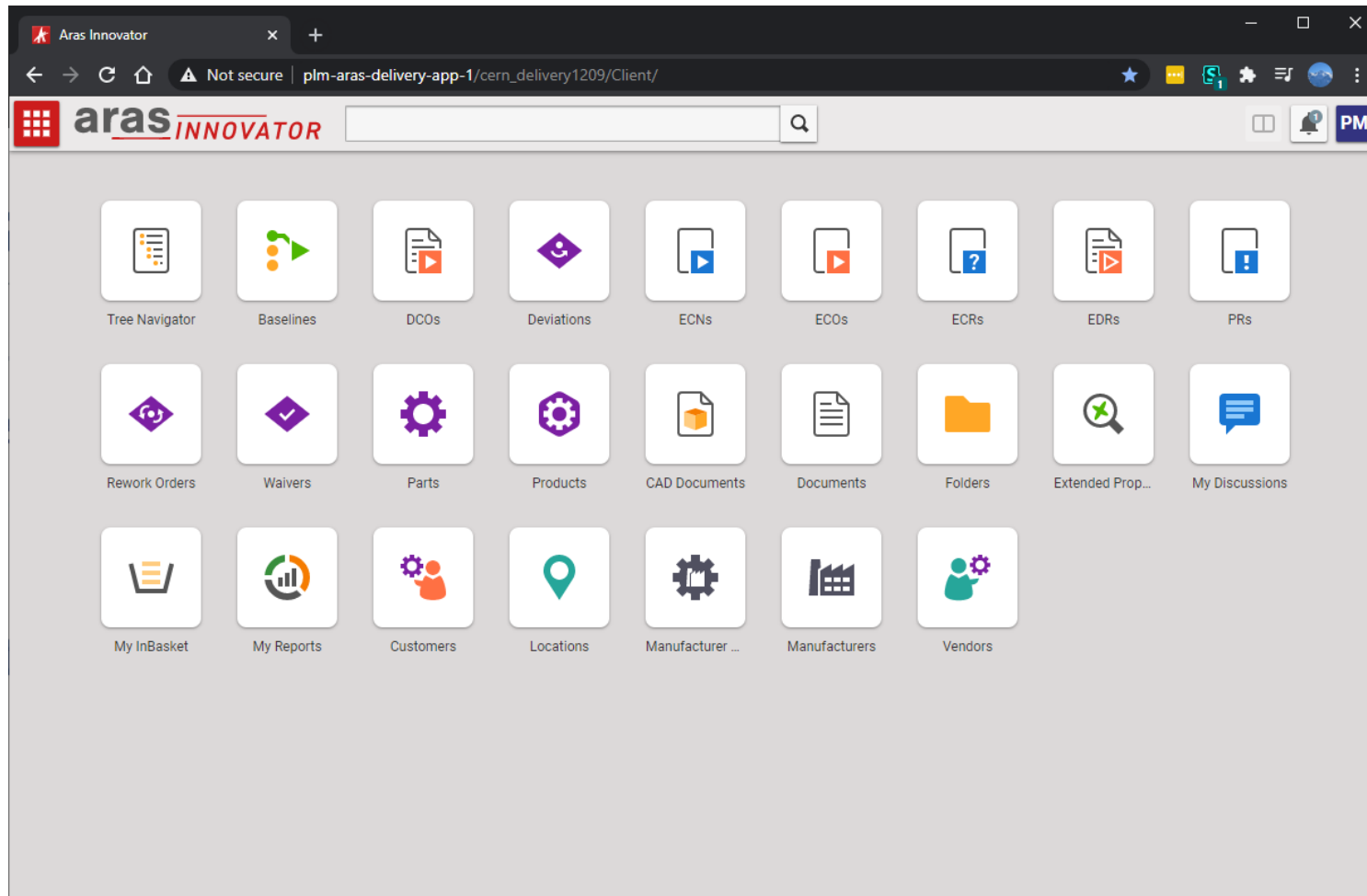
ARAS Overview – **Login page**

➢ Access to Aras Innovator via web browser

➢ Browsers compatibility:
- Google Chrome
- Mozilla Firefox
- Microsoft Edge
- Internet Explorer

ARAS Overview – **Main Page**

➢Main Page:

- Contains all the features shortcuts user can access

ARAS Overview – Object Profile Card

Actions menus

Profile Card
Basic information

Additional data:
✓ BOM
✓ CAD Docs attached
✓ etc…

Introduction

- We will now focus on the data process itself:

  - How to launch Catia / Aras?

  - ARAS Connector basic features overview

  - Connector improvements: current situation and future actions

  - How to create a CAD Document and save it in the PLM?

  - Creation of the associated 2D Drawing and upload to the PLM

  - How to modify an existing CAD Document?

  - Title Block generation on the 2D Drawing
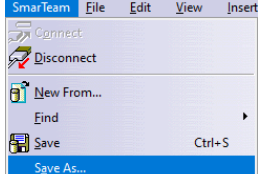
What's a CAD Connector?

- A connector is an additional software enabling the communication between the CAD software and the PLM platform.

- Concretely, a CAD connector consists in toolbars and contextual menus gathering all the specific features to exchange CAD models and metadata with the PLM platform:
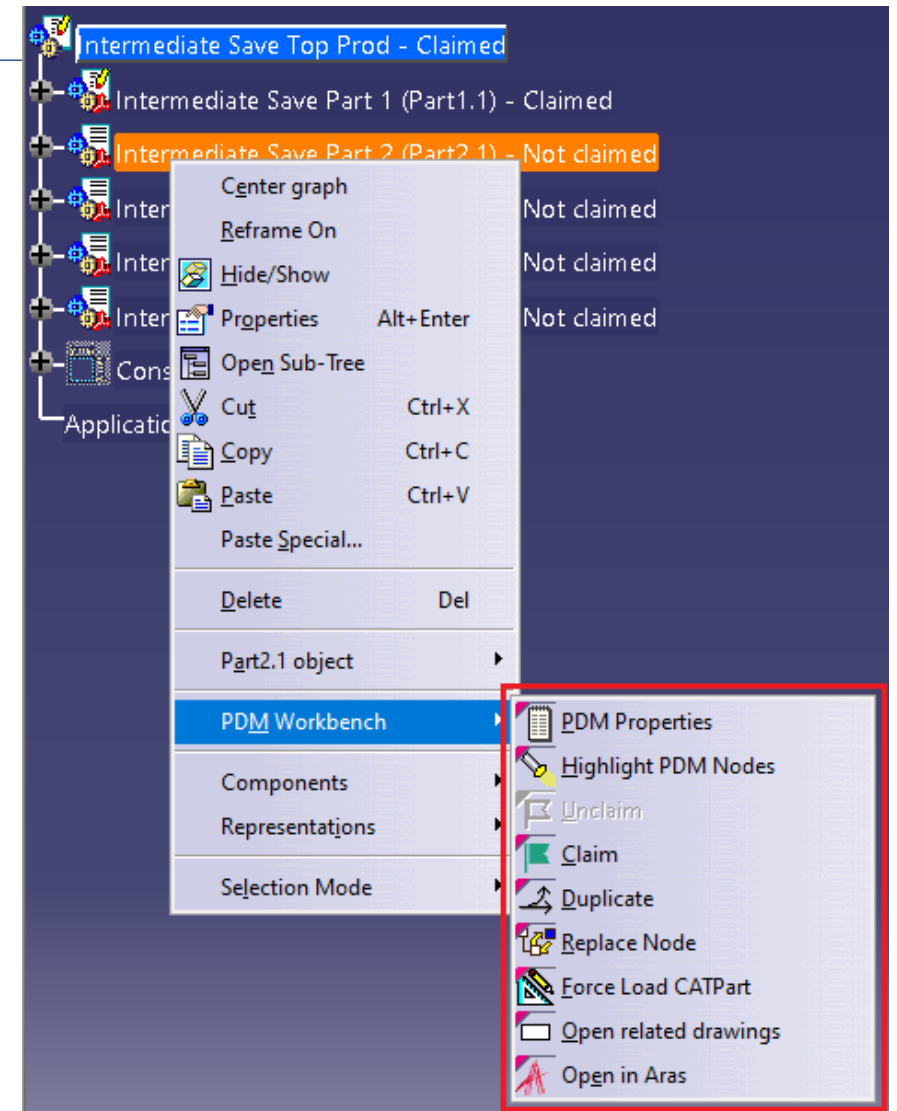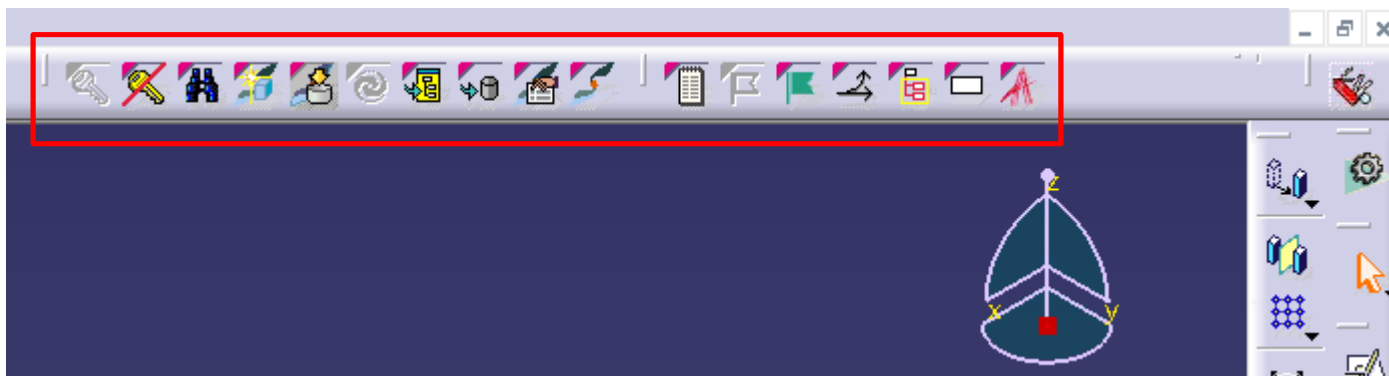
ARAS Connector basic features overview

Connector features equivalency SmarTeam vs. Aras			
SmT Icon	**SmT feature designation**	**ARAS Icon**	**ARAS feature designation**
	Check-Out		Claim
	Check-In		Unclaim
	SmarTeam Save		Update
	Connect		Login
	Disconnect		Logout
	Show Profile Card		PDM Properties
	Switch To SmarTeam		Open in Aras
	Find Document by Attribute		Query
	Save As...		Duplicate

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Connector improvements

- Current situation:

  - Query menu updated with expected entry format

  - PWB Update dialog enhanced (actions log, Team/Group selection)

  - Replace with selected revision in an opened CATProduct

  - Open multiple documents simultaneously

  - Folder selection during save enhanced

  These features will be available as of next delivery from T-Systems

Connector improvements

- Future actions:

  - Intermediate CATIA saves – avoid useless version creation

  - Manage/Show/Open following all CATIA V5 links

  - Identify CATProducts containing updated/outdated children

  - Save all CATIA content recursively

  - Open with on the fly replacement in case of conflicting versions

  - Dialog enhancements – humanly understandable messages

CATIA / ARAS PWB Connector Live Demo

- ➤ How to open Catia and Aras?

- ➤ Creation of new 3D and 2D CAD Documents

- ➤ Modification of existing CAD Documents

- ➤ BOM management / Title Block generation

Video of the demo is accessible in EDMS document 2603273

Thank you for your attention !

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