Would-be PDM Install instructions and generalities



software release 0.0.0.6 2016/02/17

Would-be PDM - general



- This software was born to create a tool to manage CAD files and to join CAD with SVN technology
- SVN is used to manage the version and the history of the files
- The SVN tool choosed for Would-be PDM is tortoise SVN (https://tortoisesvn.net)

Would-be PDM - prerequisites



We assume you already have:

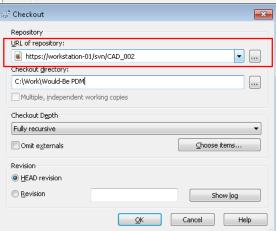
- TortoiseSVN (https://tortoisesvn.net) installed
- A SVN server (if you work alone tortoises vn can do as server); we tested visuals vn server and it works fine (https://www.visualsvn.com/server/)
- · A working folder
- Skills on CAD macros
- · A lot of patience for our bugs



- Create the directory in the final disk (we suggest a local disk); i.e. C: Work Would-Be PDM
- · Rightclick the directory
- Select SVN Checkout

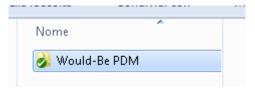


• Select the SVN repository (the svn server shared repo)





· Your directory appears like:



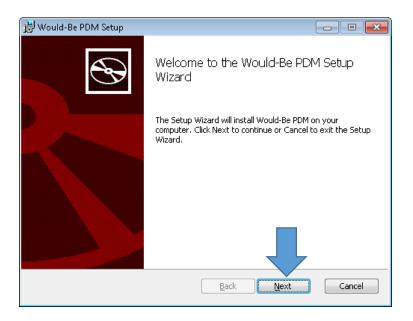
.svn

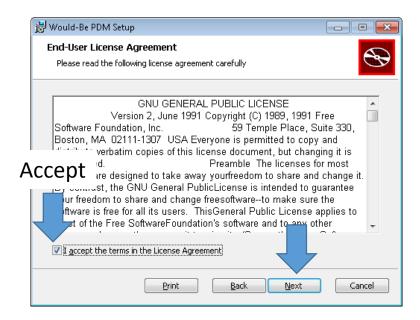
• It should be an empty dir with only one hidden subdir (.svn)

• Now you can install the software (Would-be PDM)



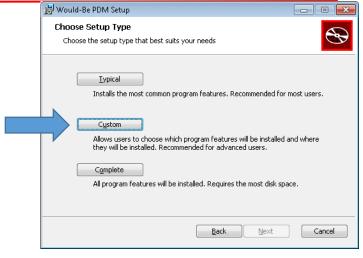
- Download the installer (Would-be_installer.msi) from github (https://github.com/robertobartola/WouldBePDM)
- Run the installer

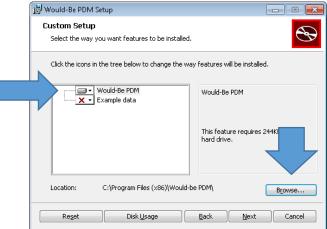






- Select «Custom» installation
- We suggest NOT to install the example data, yet. You can add them later
- Browse target dir and select the dir of page 5 (did you select «C: Work Would-Be PDM»?)





🙀 Would-Be PDM Setup



• Click Next

Select the way you want features to be installed.

Click the icons in the tree below to change the way features will be installed.

Would-Be PDM
Example data

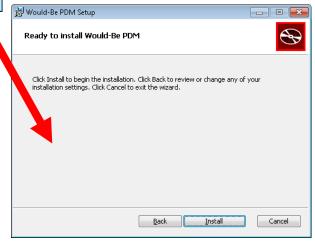
This feature requires 244KB on your hard drive.

Location: C:\Work\Would-be PDM\

Reget Disk Usage Back Next Cancel

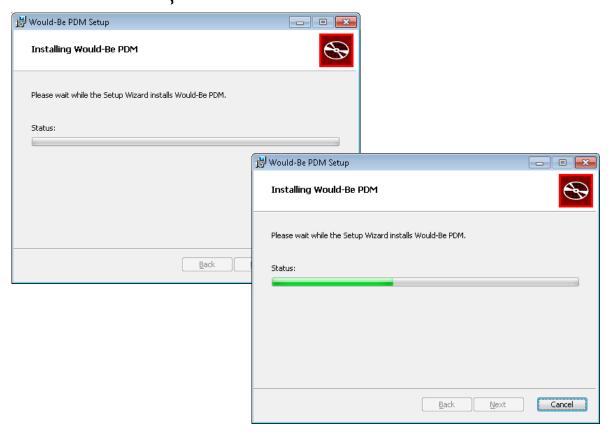
- • X

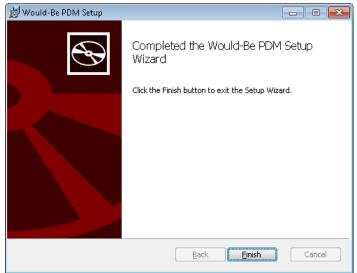
• Click Install





• Complete the installation

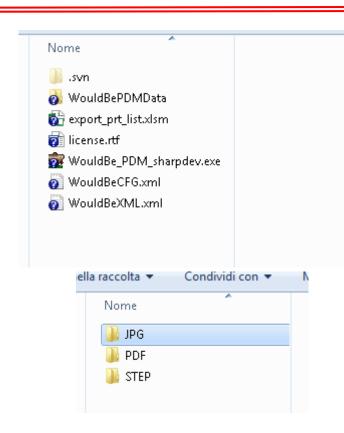






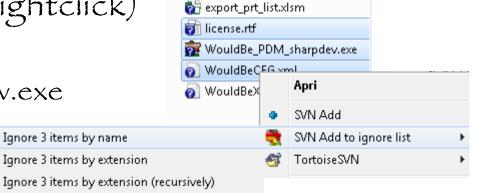
· You should get:

- Directory WouldBePDMData the data directory
 - JPG sub dir containing images
 - PDF sub dir containing pdf drawings
 - STEP sub dir containing 3D exported files
- export prt list.xlsm to create/edit your xml data base
- · license.rtf GNU-GPL license
- WouldBe_PDM_sharpdev.exe the program
- WouldBeCFG.xml the configuration file
- WouldBeXML.xml the XML data base





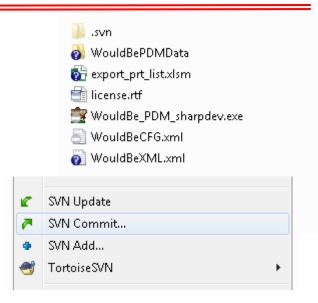
- Add to ignore list the following files (select hitting ctrl key and rightclick)
 - license.rtf
 - WouldBe_PDM_sharpdev.exe
 - · WouldBeCFG.xml



🚵 WouldBePDMData



• Right click on the white space and select SVN Commit...





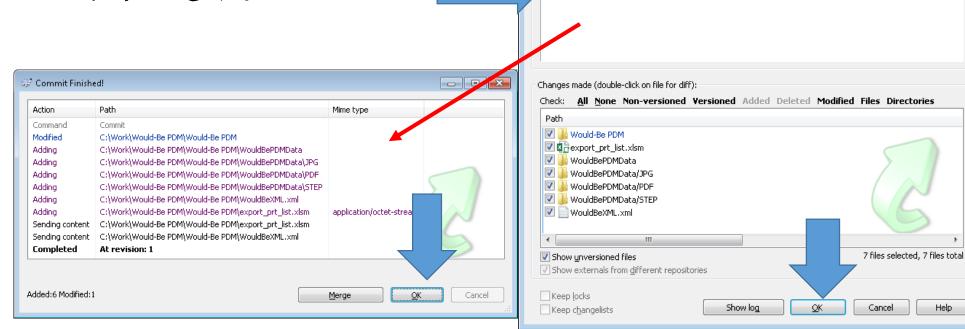
_ - X

A new version of TortoiseSVN is available. Please go to

http://tortoisesyn.net to get it.

Add a message and click

And OK



Commit to:

Message:

C:\Work\Would-Be PDM\Would-Be PDM - Commit - TortoiseSVN

https://workstation-01/svn/CAD_002/

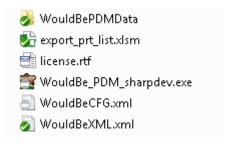
Recent messages

Empty projects - beginning

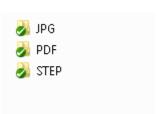
Help



• You get:



· And sub dir:



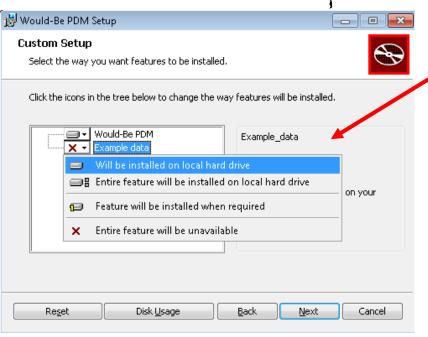
 If you don't need sample files skip next pages and jump to page 18

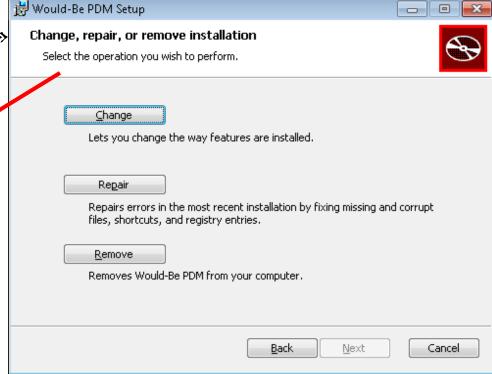
Would-be PDM - the samples



• If you want to add sample files run the installer again and select «Change»

• Select the «Example data»

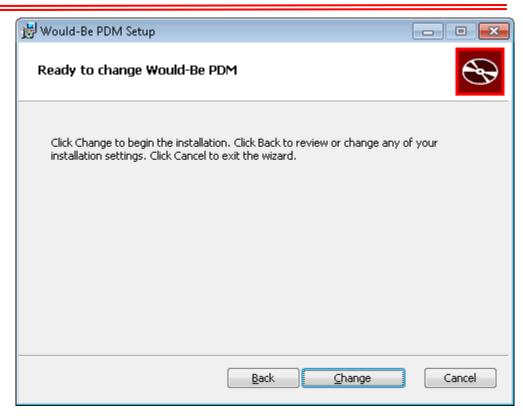




Would-be PDM - the samples



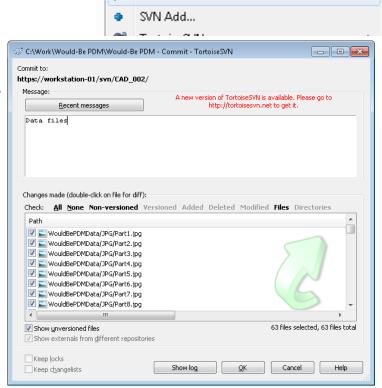
- Click Next
- Click Change
- · Click OK



Would-be PDM - the samples



- · Now Commit all the files by right click
- Select SVN Commit...
- Slect All
- · Write your message in the filed
- · Click OK



SVN Update SVN Commit...

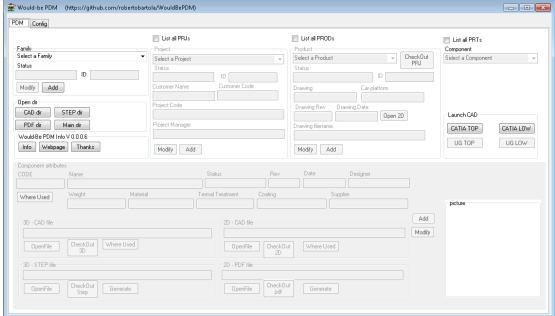


- · Now you can play with Would-be PDM.
- Please remember to commit the files once they are OK



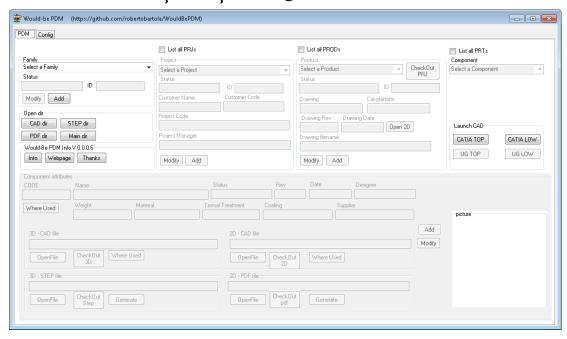
- You find 2 tabs:
- PDM to select and manage the files

• Config - to configure your settings





- You can select Family -> Project -> Product -> Component
- · For each step you can have some property shown
- Possible will appear step by step





• With Config tab you could customize your directories and the CAD exe and environment files

• If WouldBeCFG.xml does not exist you can create it

by clicking «Save cfg»

	bertobartola/WouldBePDM)		
M Config			
Drectories		_ UG NX	
CAD files dir		UG NX TOP (i.e. V8)	
VouldBePDMData	Change	EXE	
PDF files dir	Orlango	C:\Program Files\Siemens\NX 10.0\UGII\ugraf.exe	Change
PDF	Change Note:	C. \Program Files\Siemens\NA 10.0\Odin\ugran.exe	Criange
	l assume that PDF dir.		
TEP files dir	STEP dir and JPG dir		
TEP	Change are subdir of CAD dir.		
PG files dir	Thank you		
PG .	Change	UG NX LOW (i.e. V4)	
		C:\swbase\plmsw\nx85\UGII\ugraf.exe	
roduct (customer) drawing dir		C. WHOOL WILLIAM WAS CONTROL OF THE	
rodact (castoller) drawing dir	Change		
	Change		
EXE dir C:\Program Files\Dassault Systemes\B24\v ENV	win_b64\code\bin	_ENV folder	Change
CATIA.V5-6R2014.B24_RB.txt		C:\ProgramData\DassaultSystemes\CATEnv	Change
CATIA LOW (i.e. V5.19)			
EXE dir			
	win b64\code\bin		Change
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin	ENV folder	Change
C:\Program Files\Dassault Systemes\B19\	win_b64\code\bin	ENV folder Change C:\ProgramData\DassaultSystemes\CATErv	Change
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin		
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin		
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin		
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin		
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin	C.\ProgramData\DassaultSystemes\CATErv	
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin	C.\ProgramData\DassaultSystemes\CATErv	
C:\Program Files\Dassault Systemes\B19\v ENV	win_b64\code\bin	C.\ProgramData\DassaultSystemes\CATErv	



Thank you and Enjoy while using

Would-be PDM

Roberto