

# SOMETHING YOU WILL NOT FIND IN THE MANUAL

## STRUCTURE OF THE FOLDERS IN WSCAD 5.1

### Task:

There are three production lines in the Coca Cola plant. This lines produce Coca Cola, Fanta and Sprite. They are for each of lines Unit\_CocaCola, Unit\_Fanta, Unit\_SpriteMachines two switchgears +RC1, +RC2, +RF1, +RF2 or +RS1,+RS2 (let's say ten panels of the switchboard for each, PLCs, power supply, contactors ... etc.).

We are going to go on only for line Unit\_CocaCola for clearness, then switchboards +RC1,+RC2. In the +RC1 are placed common circuits =00 (PLCs, power supply, incoming circuits, etc) and technological parts circuits =10,=20,=30.

In the +RC2 are placed =00,=40,=50 likewise.

Our task is to draw schemes +R1,+R2 as separate parts e.g. +R 1 the one part (circuit diagram and material list) and +R2 the second part (circuit diagram and material list) of the project line Unit\_CocaCola.

How we can this structure create in Wscad Project management???. So.....:

1. In **Windows Explorer** create folder structure Fig.1. Further for Coca Cola line **Unit\_CocaCola** for project **CocaCola**.



Fig.1

2. Open the **Wscad** and further **Settings – Common Settings – Directories** and find the path in **Project databases** window to the folder **Unit\_CocaCola** Fig.2. Confirm to click **OK**.



Fig.2

3. Now click on icon **Projects management**. We obtain the message Fig.3. Confirm **YES**.



Fig.3

4. Will appear empty window **Project management** Fig.4.

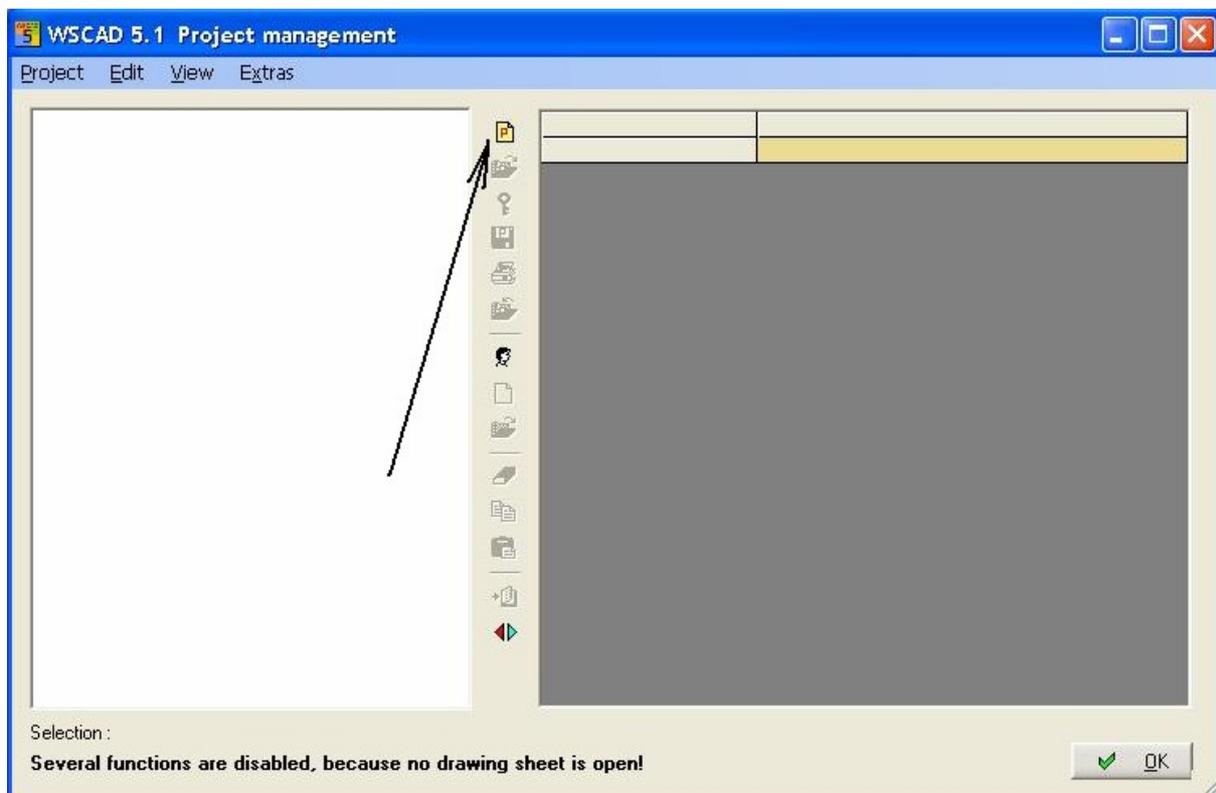
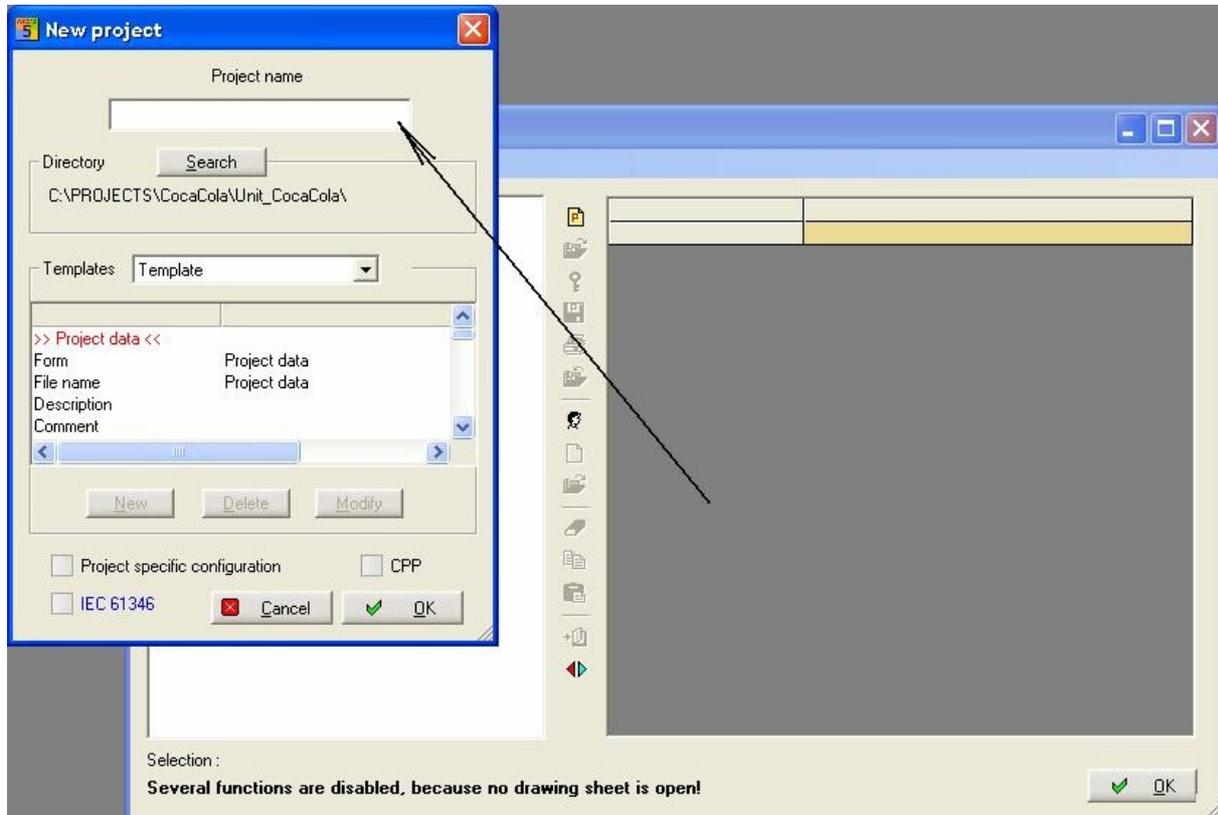


Fig.4

5. Now tap on the icon **Project new** Fig.4. The appropriate window will open Fig.5



Obr.5

6. To the window **Project name** inscribe sign of the switchboard +RC1, Fig.6. and confirm **OK**.

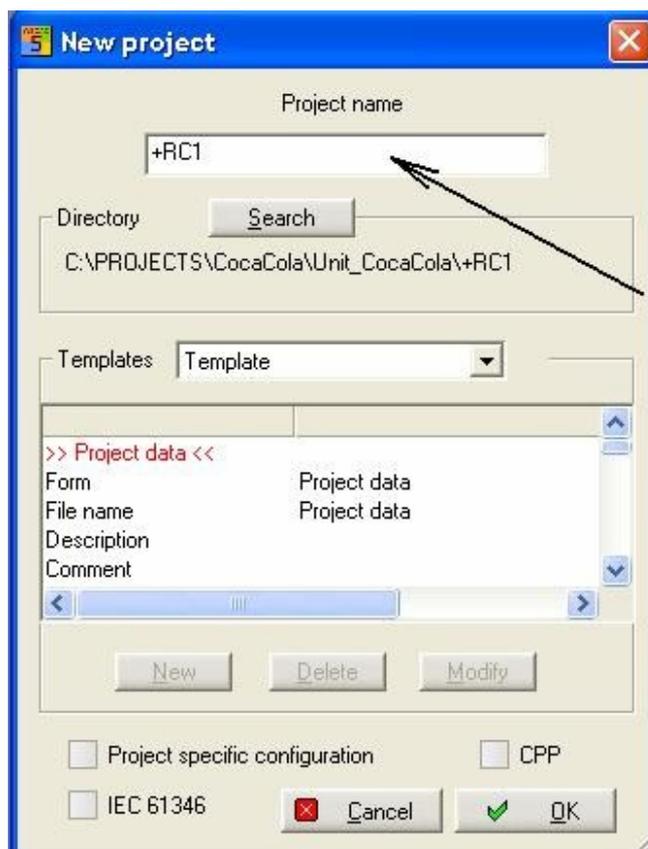


Fig.6

7. We obtain message as Fig.7. Confirm **OK**.

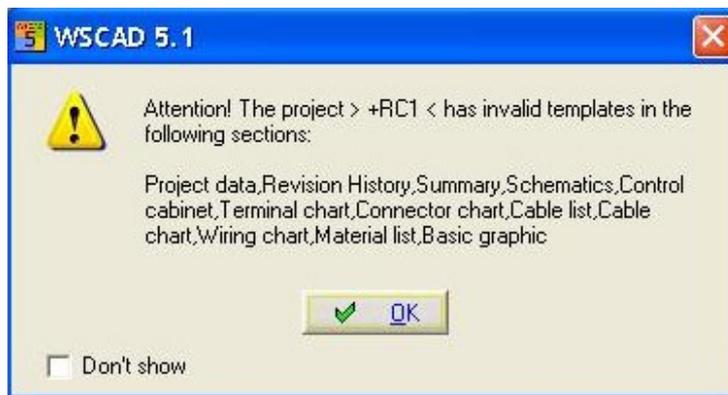


Fig.7

8. In Project management window is appear folder (project) structure for the switchboard +RC1 Fig.8.

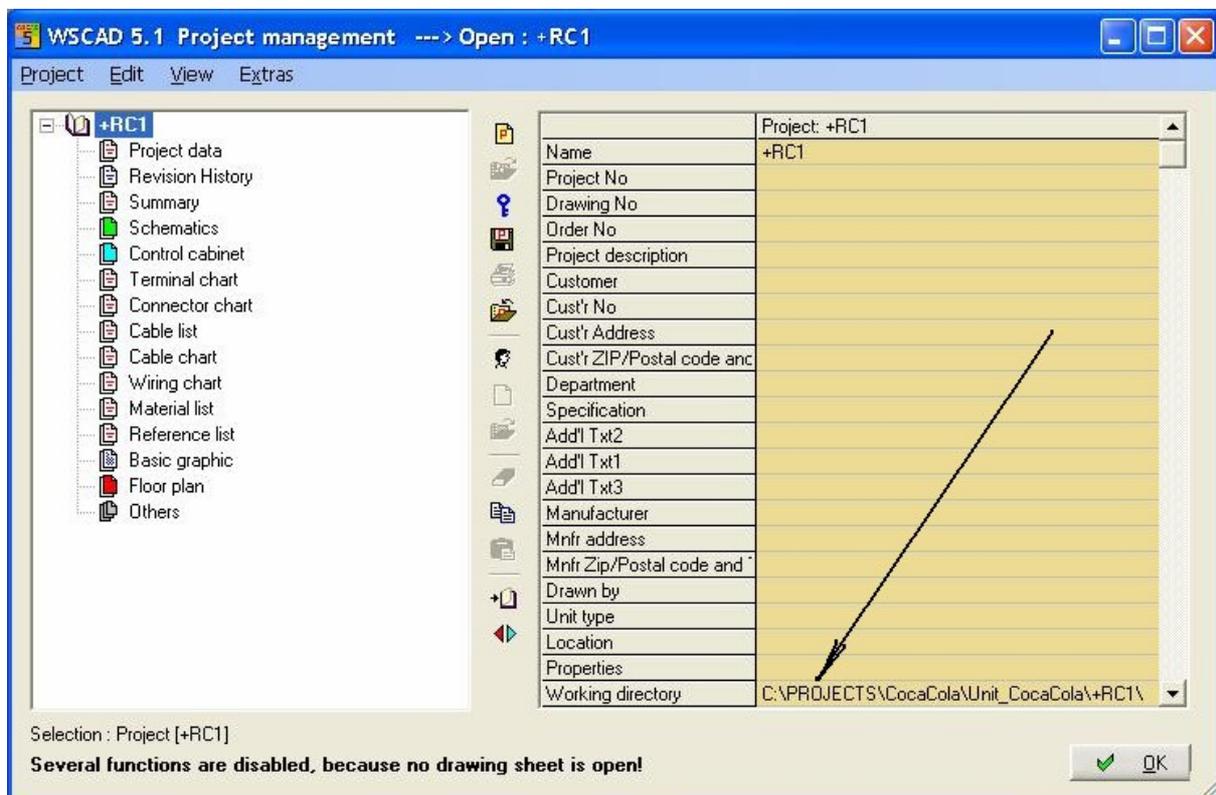


Fig.8

9. In the left window **Project management** tap on the **Schematics**. In right site will appear new window Fig.9. Now click on the **Drawing frame** window. In this new window try select template (frame). Confirm click on **OK**.

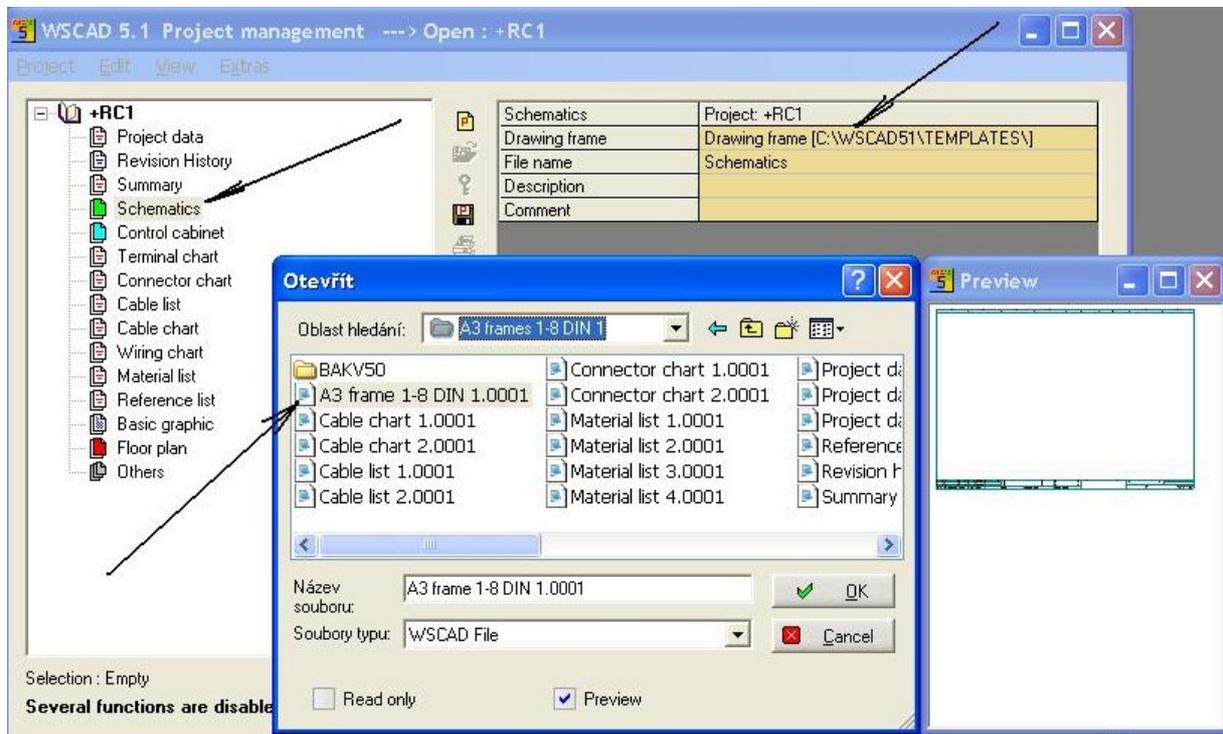


Fig.9

9. Into the window **Drawing frame** downloads type of the frame, Fig.10.

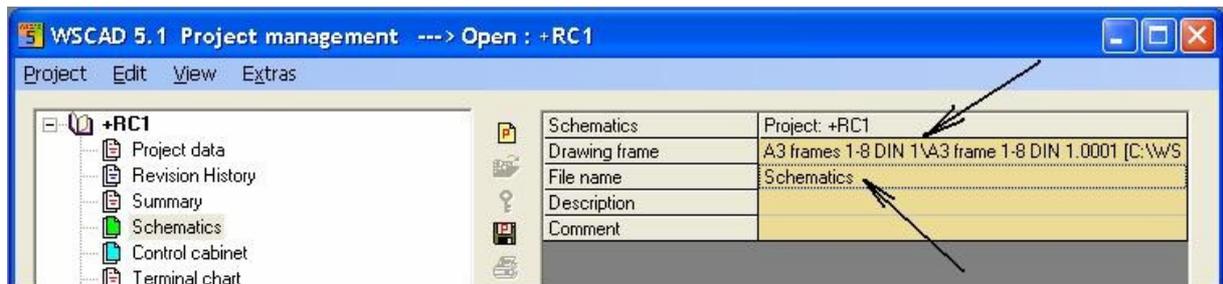


Fig.10

10. Click on window **Filename – Schematics** Fig.10 and press **enter**. In white line **File name** rewrite **Schematics** on +RC1, press **enter**, Fig. 11.

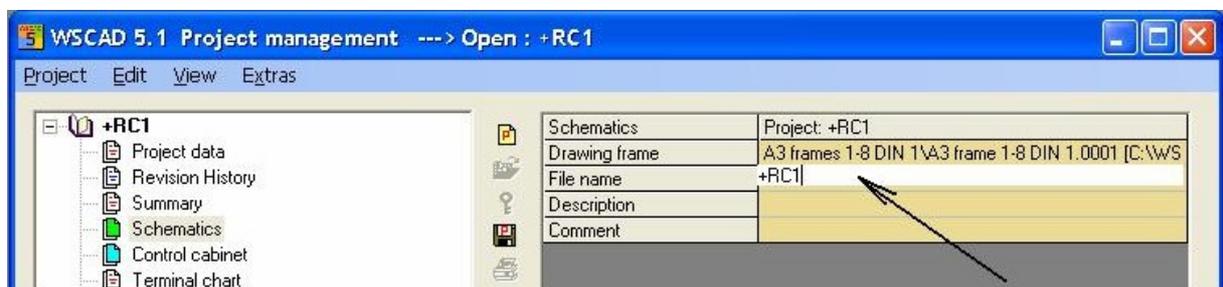


Fig.11

11. Now click right mouse button on the **Schematics** and create first three sheets of the switchboard +RC1, Fig.12.

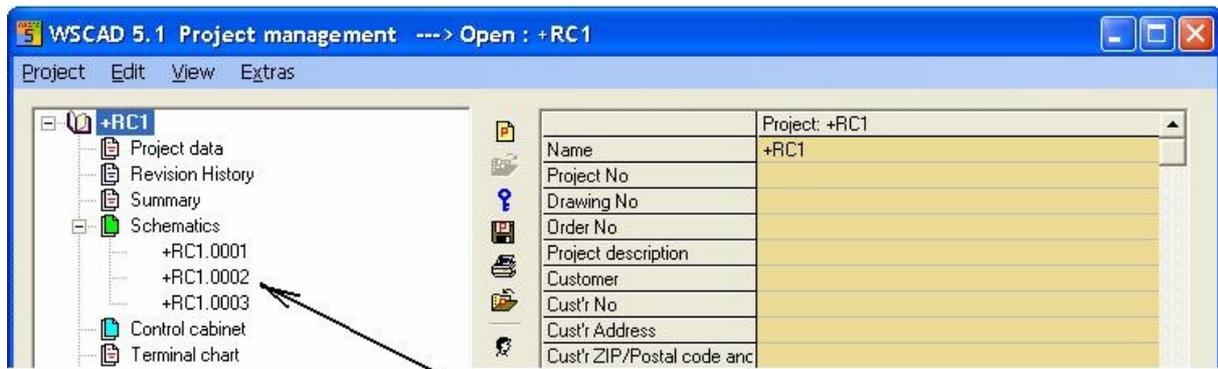


Fig.12

12. We must button up the job and must create structure =00,=10, =20 etc. We will do it in the sheets of switchboard +RC1, Fig.13. Do the same for +RC2 etc.

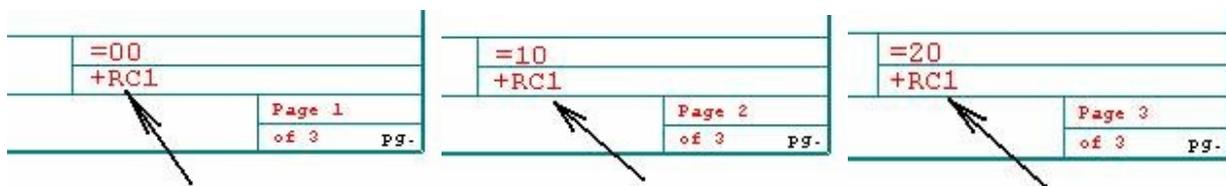


Fig.13

13. Now try the structure for +RC2 (article 4. – article 11.), Fig.14.

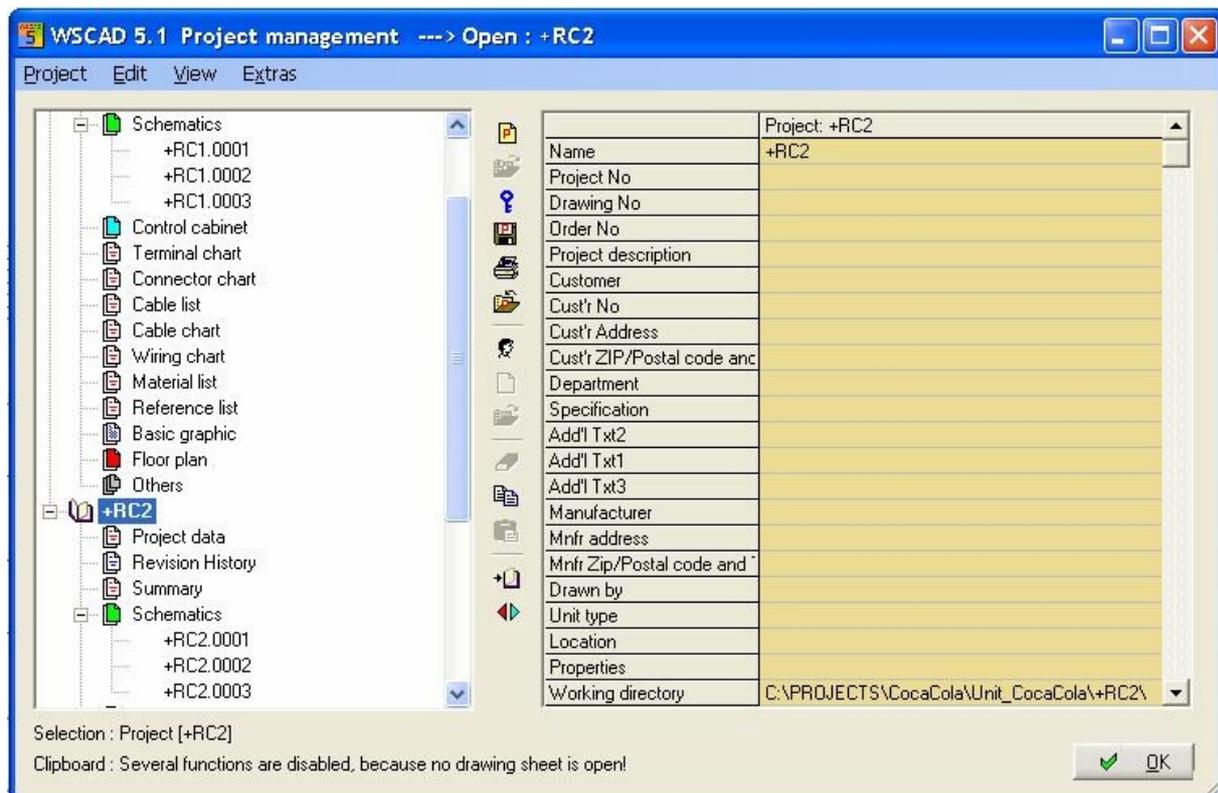


Fig.14

14. The structure of folders in **Windows Explorer** looks like Fig.15.

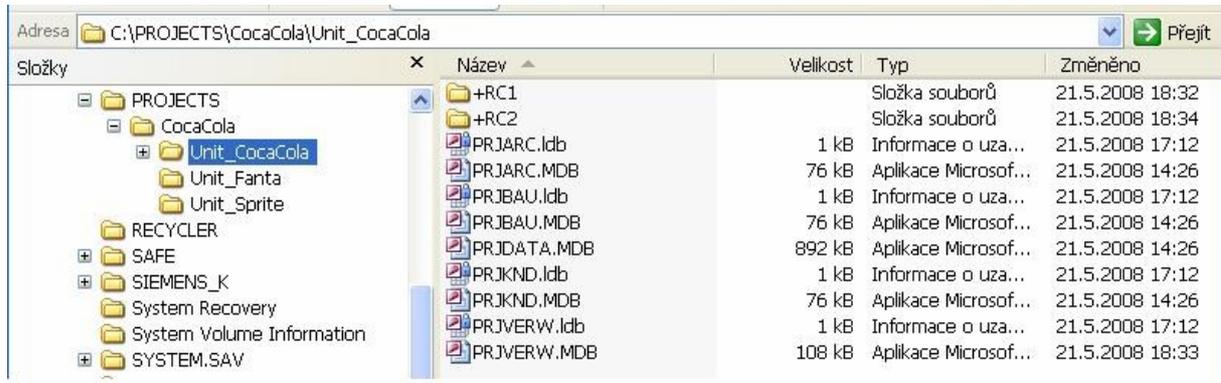


Fig.15

15. Now try structure for **Unit\_Fanta**. Procedure is the same as article.2. etc. for +RF1 a +RF2. We find path for folder **Unit\_Fanta** in **Project databases** Fig.16 etc.

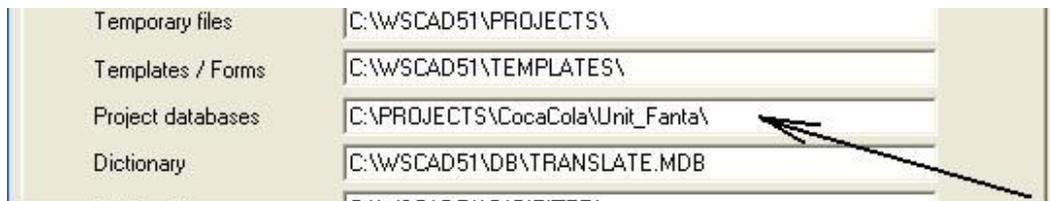


Fig.16

16. There is the structure of Project management in Fig. 17 for **Unit\_Fanta**.

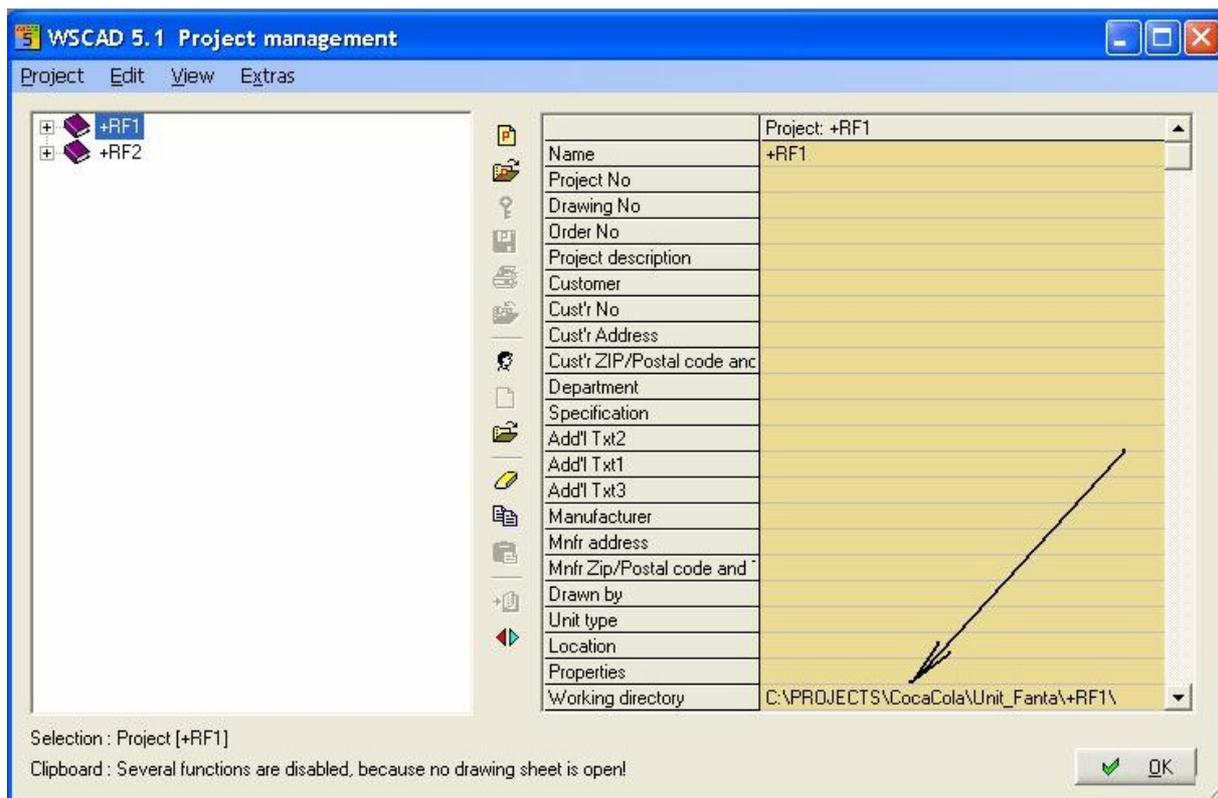


Fig.17

17. Folder structure in Windows Explorer looks like Fig.18.

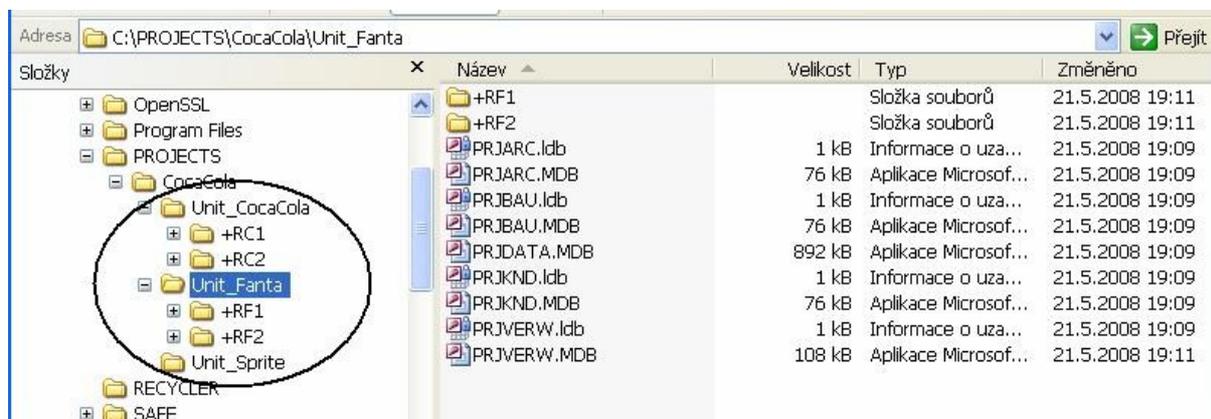


Fig.18

This folder structure has a big advantage. Every project is stored in its own folder and in own window of **Project management**. In this folder is possible to save any amount of switchboards. It is possible to use +, = and it is possible to add for example Autocad drawings and other documentary for example technical report. All in one folder!

It is good to realize that in **Project management** we don't make project but only single schemes of switchboards (so their projects).

We always open individual projects the same way which is described in article 1. by entering path to them in **Project databases**!

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