**Use:**

Kolisch. et al designed a tool called PROGEN as project scheduling problem builder, and used this tool to generate a standard problem library PSPLIB, which is a great convenience for resource-constrained project scheduling problem. But it just considered three types of resources: renewable, non-renewable and dual nature resources. Research about spatial resource-constrained project scheduling problem also requires a lot of problem instances, but there is no corresponding problem generation tool. So the use of this tool is to generate problem instances for spatial resource-constrained project scheduling problem.

**How to use:**

1. Click the "Scan" button to choose base file.
2. Click the “Check base file” button can see the base file’s content.
3. Click the “Parameter Settings” button to set related parameters for generating example file.
4. Case’s number is the amount of example files to generate.
5. Click the “Generate cases” button can generate the set number of example files.
6. Click the “Check cases” button can see the example file’s content.
7. Click the “Check logs” button can see logs.
8. Click the “Check network diagram” tab and click the “Scan” button to choose an example file, and then click the “Check network diagram” button to see the network structure by a graphical method.