

Project Explorer

- AlphaMiner [Packages/AlphaMiner/Branches/development]
 - DfgResearchSuite
 - DfgResearchTools [BVerfG features_hiwi_meier]
 - firstspring
 - OliverMeier [Packages/OliverMeier/Trunk]
 - PetriNets [Packages/PetriNets/Trunk]
 - ProbLog [ProbLog NO-HEAD]
 - ProM
 - Servers
 - Servers2
 - Workshop [Packages/Workshop/Trunk]

```

YourAlgorithm > apply(PluginContext, XLog, YourParameters) : Petrinet
41 public Petrinet apply(PluginContext context, XLog probLog, YourParameters parameters) {
42
43     //mine normal petri net with alphaminer
44     Object[] objs = AlphaMinerPlugin.applyAlphaClassic(context, probLog, probLog.getClassifiers().
45     Petrinet net = (Petrinet) objs[0];
46
47     // //second attempt
48     // Petrinet net = null;
49     //
50     try {
51         net = context.tryToFindOrConstructFirstNamedObject(Petrinet.class,"Alpha Miner", Connecti
52     } catch (ConnectionCannotBeObtained e) {
53         e.printStackTrace();
54     }
55
56     //get first events maximum probability
57     XAttributeMap probs = probLog.get(0).get(0).getAttributes();
58     ArrayList<XAttributeContinuousImpl> maxima = findMaxima(probs);
59
60     changeNet(net, maxima, context);
61
62     GraphLayoutConnection layout = new GraphLayoutConnection(net);
63     context.addConnection(layout);
64
65     PetriNetVisualization v = new PetriNetVisualization();
66     v.visualize(context, net);
67
68     changePosition(net, context, layout);
69
70     // newNet = changePosition(newNet,context,net);
71
72     return net;
73

```

IDE Right Panel

- org.processmir
 - YourAlgorithm
 - apply(Plu...
 - findMaxim...
 - changeNe...
 - changePo...
 - applySeco...
 - copyPetr...