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The ePNK: Hands-on / Project

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 $f(x+\Delta x) = \sum_{i=0}^{\infty} \frac{(\Delta x)^{i}}{i!} f^{(i)}(x)$

















Step 1: PNTD



- Implement a new Petri net type extending PTNets (a PNTD for what we call PNCode) by adding
 - Action(label)s to transitions
 - Condition(label)s to transitions
 - Declaration(label)s to pages
- These concepts should be text in Java syntax
- For now, it is not necessary to check syntactical correctness of this syntax
- A basic project with a set up of a simple model is provided to you (see slides on details later)













- Implement an action that generates Java code from such PNCode running as a Java application
- The GUI and "runtime" environment as well as all to the set up the action and initiate the code generation is provided to you
- Also a generator template for the basic Petri net (not taking actions, conditions and declarations into account) is provided to you
- You can focus on extending the template and skeleton for generating the code for actions, conditions and declarations