

Pattern definition

```
pattern catchProblemFinder(cBlock: Handler, insOf: InstanceOf)
```

Pattern matcher

EMF-INCQUERY
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algorithms

Rete algorithm

Local search-
based algorithm

Pattern matcher
core

Match set

$Handler = \{H_1, H_2, \dots, H_n\}$
 $InstanceOf = \{I_1, I_2, \dots, I_m\}$

$Matches = \{ \langle H_i, I_j \rangle, \dots, \langle H_p, I_q \rangle \}$