

Can you do anything under any dreamstances? State

An order can't be done anything at all times.

What state an order can be in?

States with no actions
make a protocol –
behavior form:
actions determine the
behavior content A combinatorial explosion of states and transitions can be prevented with composite states.

In it possible to get from any state to any other state?

What makes a state to change?

Transition.

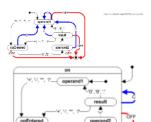
Scannelbare

UML: trigger (guard) / effect

How do states exhibit in the code itself and in a working system?

Co ak sa z smaltych stavov możno dostał do určiśćno stava akbo dolonca do viacerjich stavov?





Can a system be in several states at once?

States with no actions constitute a prescel-the behavior form

Actions define the behavior connect

Detailed state diagrams and activity diagrams are similar

Lecture 5:

State Diagrams

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Can you do anything under any circumstances?

State

An order can't be done anything at all times.

What state an order can be in?

A state: an abstraction of a readiness to realize behavior

Is it possible to get from any state to any other state?

What makes a state to change?

Transition

event [condition] / action

UML:

trigger [guard] / effect

Automaton

Finite state machine

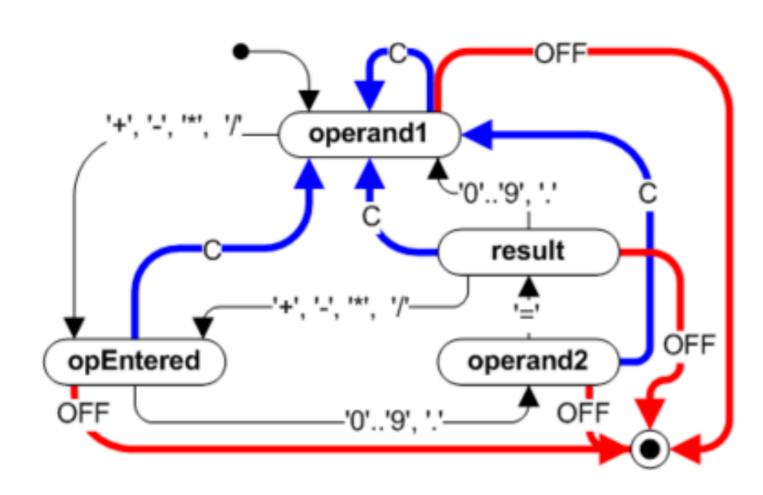
Statechart

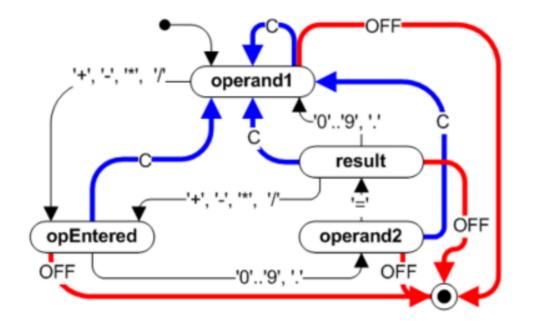
How do states exhibit in the code itself and in a working system? A transition: an abstraction of the ability to get into a certain state

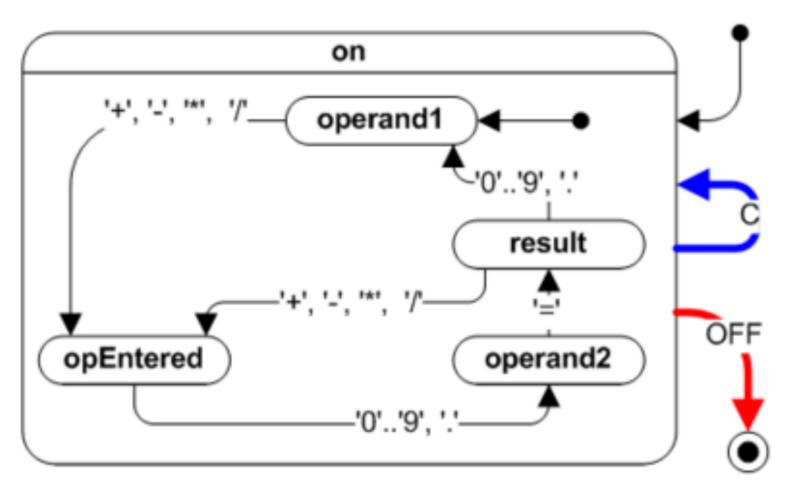
Čo ak sa z mnohých stavov možno dostat' do určitého stavu alebo dokonca do viacerých stavov?











Can a system be in several states at once?

A combinatorial explosion of states and transitions can be prevented with composite states

States with no actions constitute a protocol – the behavior form

Actions define the behavior content

Protool state diagrams vs.

behavior state diagrams

=

form

VS.

content

Detailed state diagrams and activity diagrams are similar

By defining actions, we uncover the operations that the system or its part should provide.

What's the difference compared to sequence diagrams?

States with no actions make a protocol – behavior form; actions determine the behavior content

A state:
an abstraction of a readiness to realize behavior

A transition:
an abstraction of the ability to get into a certain state

A combinatorial explosion of states and transitions can be prevented with composite states

States with no actions make a protocol – behavior form; actions determine the behavior content