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Timing Diagram

последовательност прецедентов классов

This is still under construction. You can propose new features if you need some.

Declaring element or participant

You declare participant using the following keywords, depending on how you want them to be drawn.

Keyword	Description
analog	An analog signal is continuous, and the values are linearly interpolated between the given setpoints
binary	A binary signal restricted to only 2 states
clock	A clocked signal that repeatedly transitions from high to low, with a period , and an optional pulse and offset
concise	A simplified concise signal designed to show the movement of data (great for messages)
robust	A robust complex line signal designed to show the transition from one state to another (can have many states)

You define state change using the @ notation, and the is verb.



Declaring element or participant

Binary and Clock

Adding message

Relative time

активности активности **ВеТя**

Anchor Points

Participant oriented

Setting scale

Initial state

Intricated state

Hidden state

Hide time axis

Using Time and Date

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Using notes

Adding texts

Complete example

Digital Example

Adding color

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Applying Colors to specific lines

Compact mode

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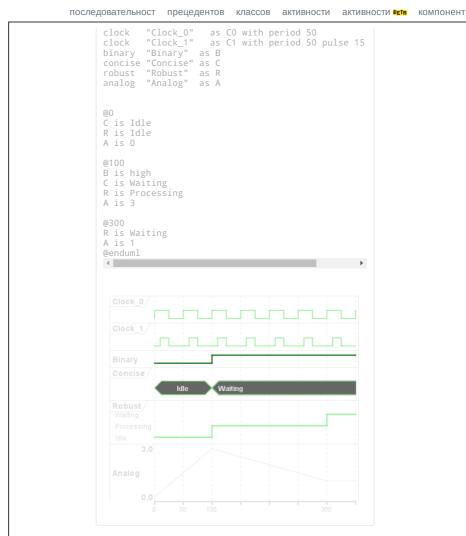
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Убыстрый старт

Online Server

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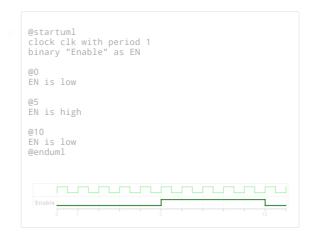


[Ref. QA-14631, QA-14647 and QA-11288]

Binary and Clock

It's also possible to have binary and clock signal, using the following keywords:

- binary
- clock



Adding message

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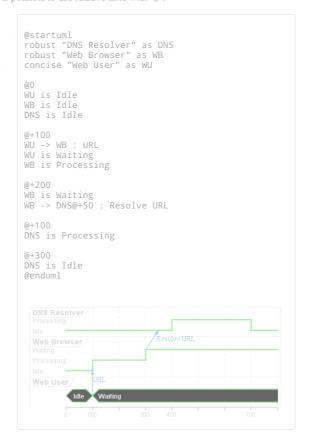
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Relative time

It is possible to use relative time with @.

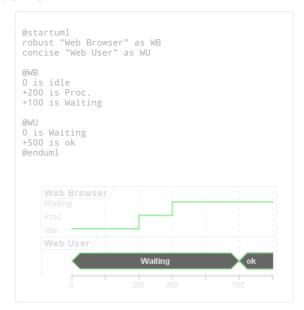


Anchor Points



Participant oriented

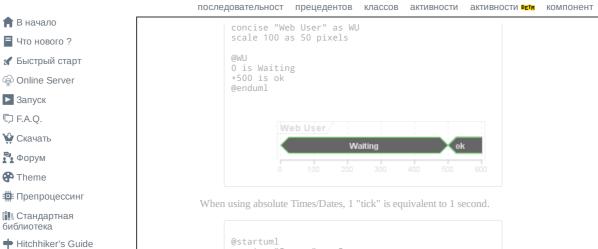
Rather than declare the diagram in chronological order, you can define it by participant.

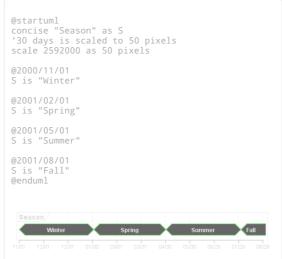


Setting scale

You can also set a specific scale.

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Initial state

You can also define an inital state.



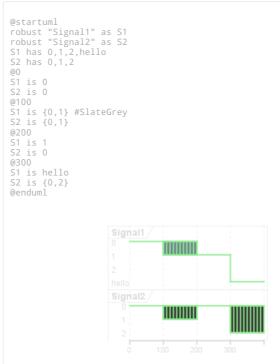
Intricated state

▶ Запуск

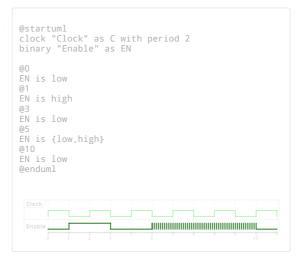
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Intricated or undefined binary state



[Ref. QA-11936 and QA-15933]

Hidden state

It is also possible to hide some state.

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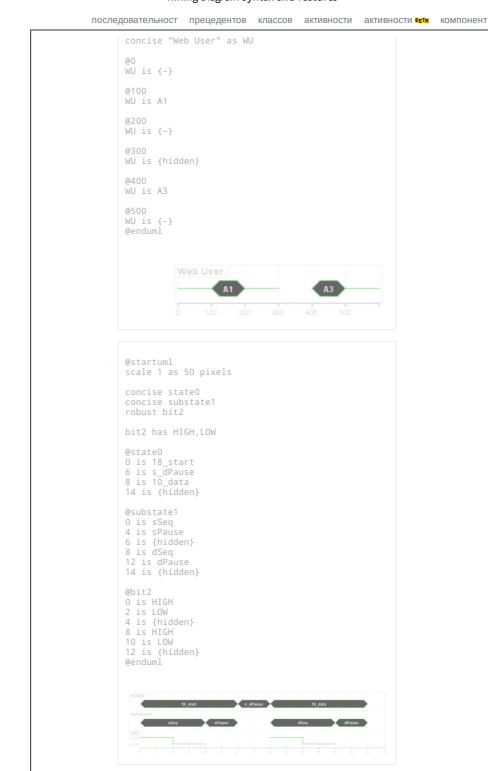
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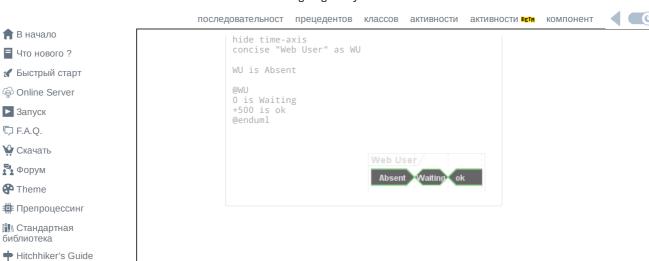
[Ref. **QA-12222**]

Hide time axis

It is possible to hide time axis.

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Using Time and Date

It is possible to use time or date.

```
@startuml
robust "Web Browser" as WB
concise "Web User" as WU
@2019/07/02
WU is Idle
WB is Idle
@2019/07/04
WU is Waiting : some note
WB is Processing : some other note
@2019/07/05
WB is Waiting
@enduml
```

```
@startuml
robust "Web Browser" as WB
concise "Web User" as WU
@1:15:00
WU is Idle
WB is Idle
@1:16:30
WU is Waiting : some note
WB is Processing : some other note
@1:17:30
WB is Waiting
@enduml
```



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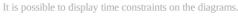
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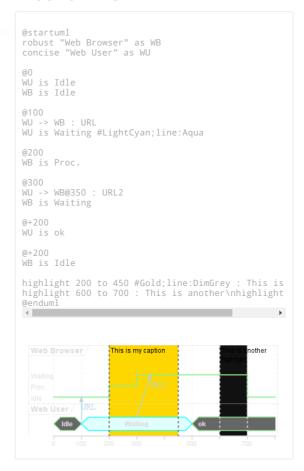
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Highlighted period

You can higlight a part of diagram.



[Ref. QA-10868]

активности ветя



Using notes

You can use the note top of and note bottom of keywords to define notes related to a single object or participant (available only for

```
@startuml
robust "Web Browser" as WB
concise "Web User" as WU
WU is Waiting
WB is Processing
note top of WU : first note\non several\nlines
note bottom of WU : second note\non several\nlines
WB is Waiting @enduml
                                                          first note
                                                         on several
lines
                                                        Waiting
                                                          second note
                                                          on several
                                                         lines
```

[Ref. **QA-6877**]

Adding texts

You can optionally add a title, a header, a footer, a legend and a caption:

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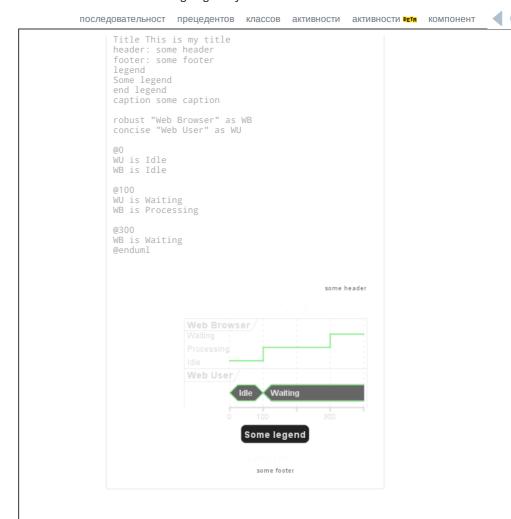
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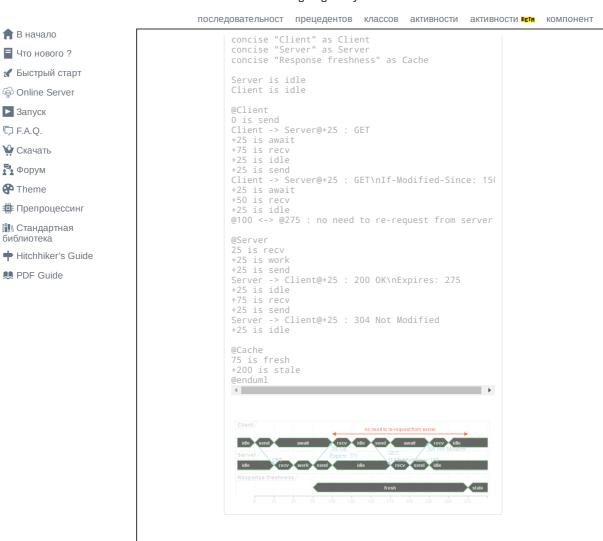
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Complete example

Thanks to Adam Rosien for this example.



Digital Example

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Adding color

You can add color.

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■ Что нового ?



[Ref. QA-5776]

Using (global) style

Without style (by default)



With style

You can use style to change rendering of elements.

■ Что нового ?

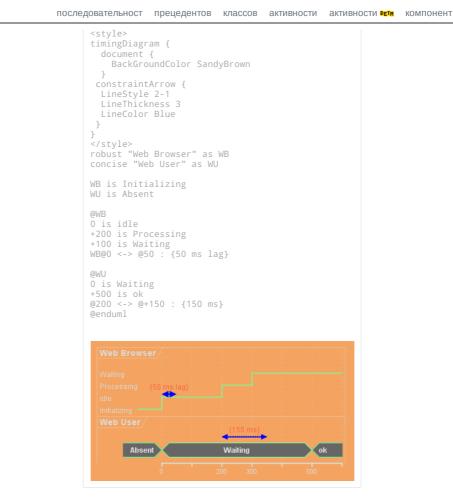
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[Ref. QA-14340]

Applying Colors to specific lines

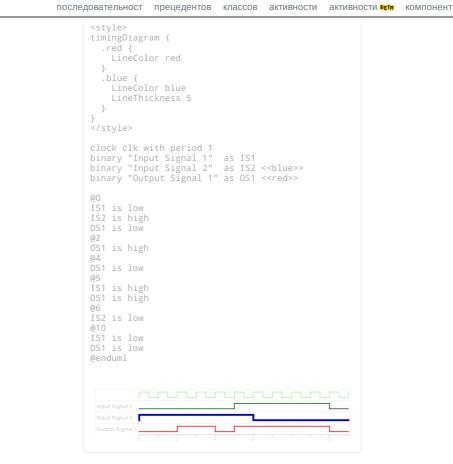
You can use the <code><style></code> tags and sterotyping to give a name to line attributes.

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[Ref. QA-15870]

Compact mode

You can use compact command to compact the timing layout.

By default

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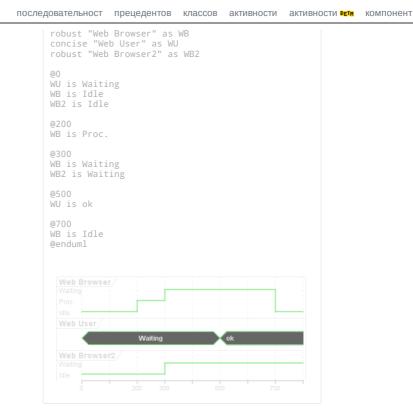
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Global mode with mode compact



Local mode with only compact on element

