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3.1.4.	35
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BPMN (), *EPC* (с
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SADT (Structured Analysis and Design Technique) IDEF (Integration Definition for Functional Modeling).

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 [8, . 17] c -
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UML (Unified Modeling Language).

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 [8, . 18]
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BPMN (Business Process Model and Notation), ARIS (Architecture of Integrated Information Systems), EPC ().

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 , [14, . 15] $C = (P, T, I, O)$,
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 :[15, . 30]
 1. (flow objects);
 2. (data);
 3. (connecting objects);
 4. (swimlane);
 5. (artifacts).
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YAWL *YAWL (Yet Another Workflow Language)* -
 (Aalst) (Hofstede) 2003

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YAWL, [16, . 10], -

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WfMC [17, . 9] -

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(workflow engine).

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[18, . 31 -- 35], workflow-

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Workflow, [19,

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Cunningham LLP Zagiel S.A., [20],

[21]. Cunningham LLP

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Zagiel S.A.

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- (, BPMS) « ,

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1.4.3.

PMBOK Guide [10, . 33]

[24, . 46]

[12, c. 91 - 93]),

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 — [32], [33], [34],
 [35].

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(agility) - .

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 [43], [44]
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 eTOM [45] — SCOR [46] —
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 APQC [47].

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Gartner Inc. ([48]) Forrester Research [49]) 2009 – 2013 .

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[48], [49],

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The Forrester Wave [50], [51], [52], [53],

Gartner Magic Quadrant [54], [55], [56], [57].

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: PegaSystems, IBM, Appian, Progress Software, Metastorm

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: Fujitsu, EMC, Global360, Bosh Software Innovations

2.2.2.

(2.2.1 27),

: Appian BPM Suite[58], OpenText MBPM

[59], Cordys BPMS [60], Pegasystems BPM [61], Fujitsu Interstage BPM [62], Tibco Active Matrix BPM [63];

: jBPM [64], BonitaBPM [65], Taverna Workflow [66], Activiti BPM [67], Pegasus [68], Intalio BPMS [69].

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 , OpenText (Cordys BPMS, MBPM),
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 (Taverna Workflow, Pegasus),
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 (jBPM, Activiti)

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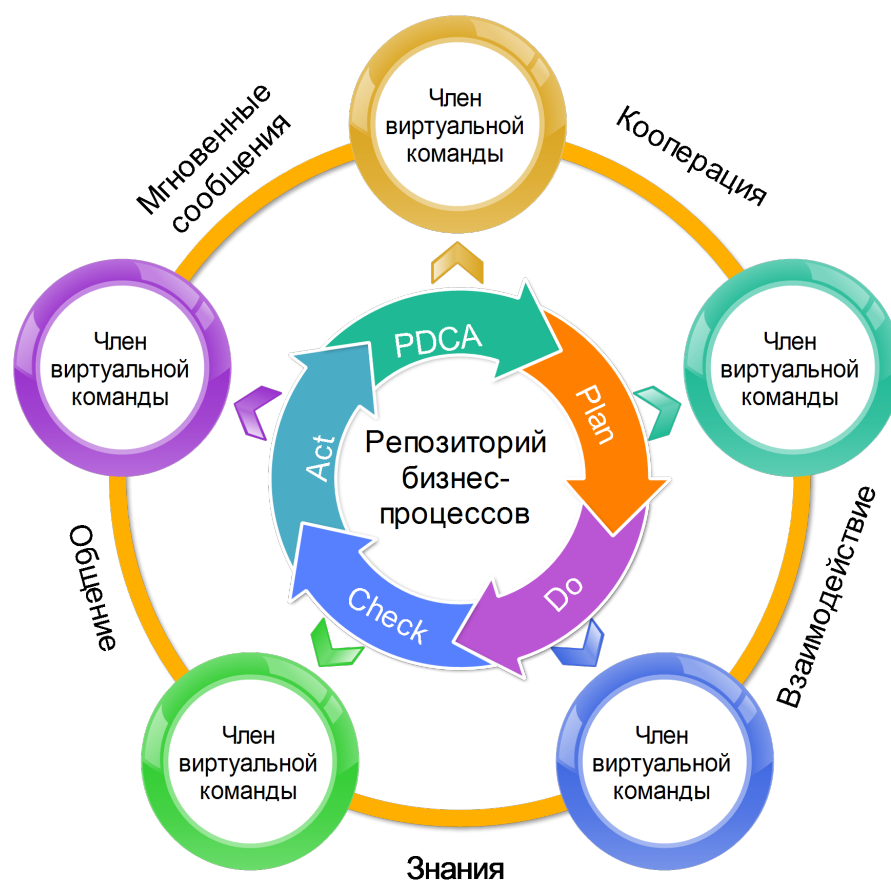
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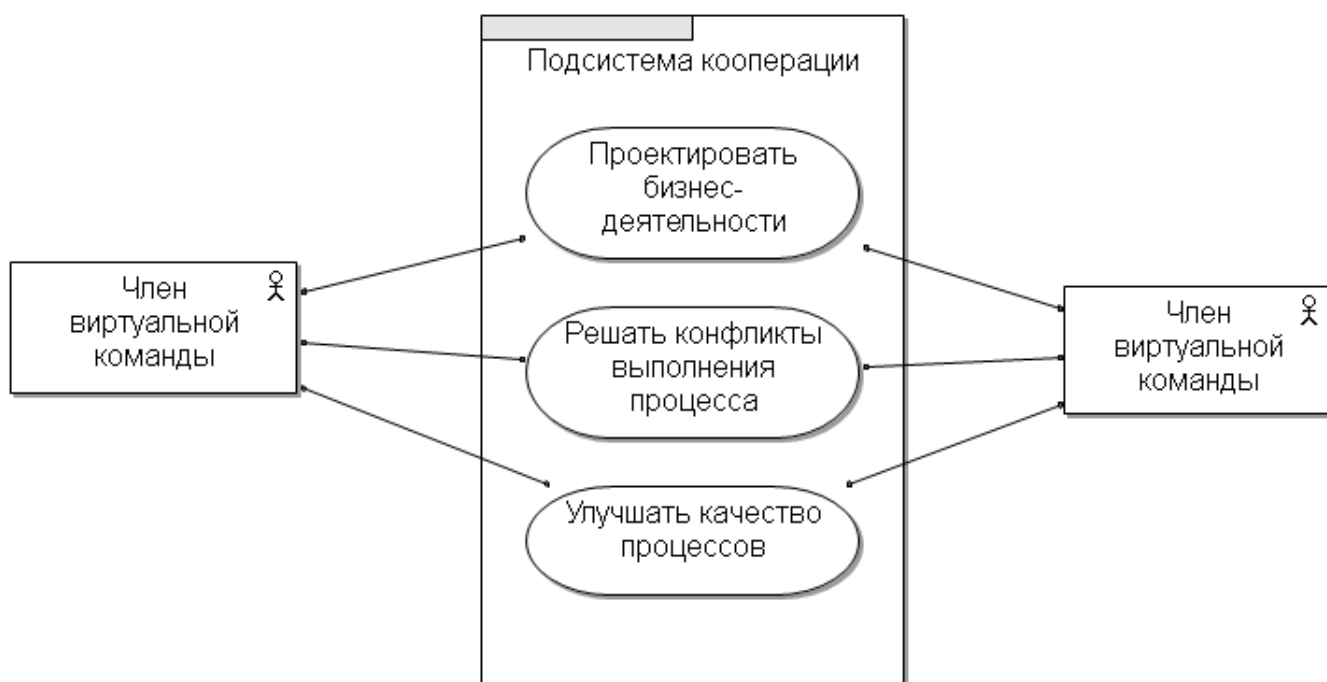
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jBPM Activiti.

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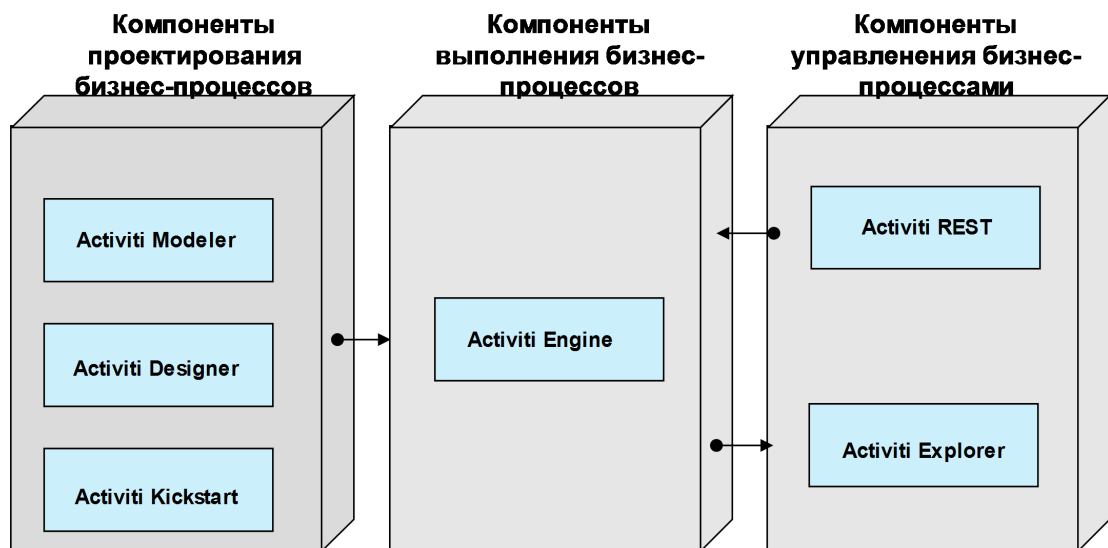
Activiti.

Activiti

(BPMN 2.0 XML),

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jBPM
 -, jBoss
 Drools, XML jPDL. Activiti, -
 [67],
 Alfresco [74],
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 Activiti Apache, -
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Activiti. Activiti -
 - (Activiti
 Modeler, Activiti Designer) - -
 (Activiti Engine). . 3.3
 Activiti.



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Activiti [67]

Eclipse IDE.

BPMN 2.0 XML.

BPMN XML,

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[76], [77],

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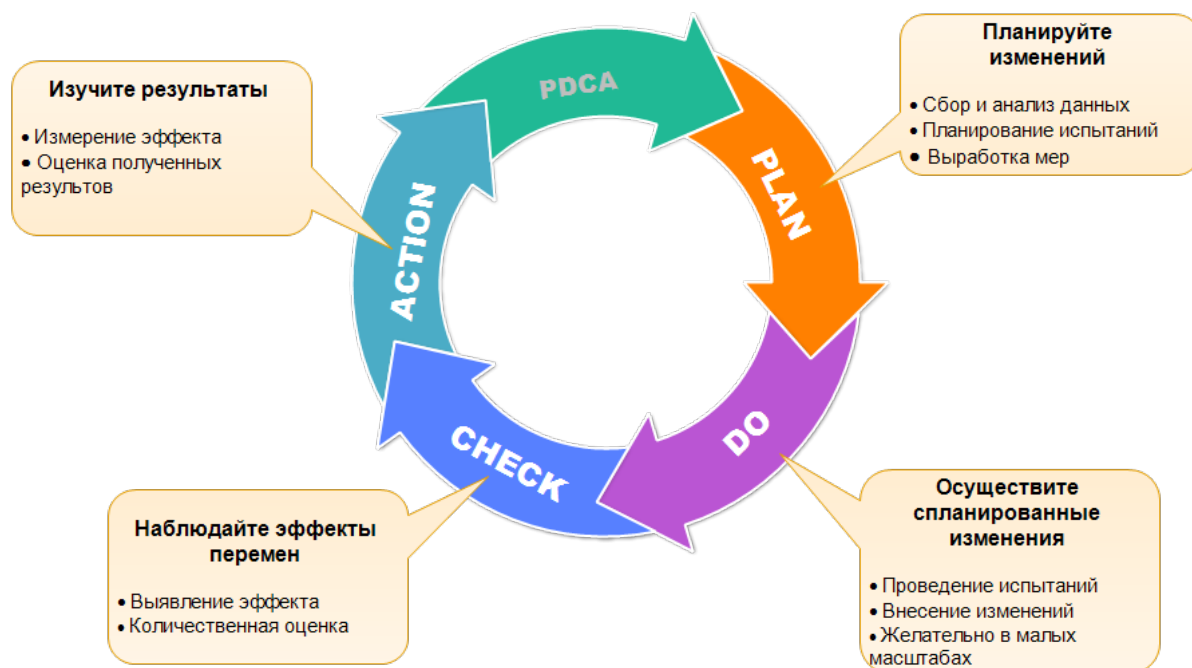
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Appian BPM Suite	9	8	9	7
OpenText MBPM	8	7	8	10
Cordys BPMS	10	8	6	9
Pegasystems BPM	10	9	10	9
Fujitsu Interstage BPM	7	7	6	5
Tibco Active Matrix BPM	6	10	9	9
jBPM	8	7	8	7
BonitaBPM	8	8	10	7
Taverna Workflow	5	10	6	7
Activiti BPM	7	6	7	5
Pegasus	5	10	8	8
Intalio BPMS	9	6	8	5

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	Des	Org	Ctrl	Res
Appian BPM Suite	8	5	8	6
OpenText MBPM	7	8	6	7
Cordys BPMS	3	10	3	1
Pegasystems BPM	4	10	5	9
Fujitsu Interstage BPM	8	5	8	8
Tibco Active Matrix BPM	0	1	2	0
jBPM	2	6	2	0
BonitaBPM	7	5	3	3
Taverna Workflow	3	2	4	0
Activiti BPM	0	2	0	2
Pegasus	1	0	1	0
Intalio BPMS	1	1	3	1

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