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15],
                                              SADT (Structured
Modeling).
              [17, .17]
                       UML (Unified Modeling Language).
           [17, . 18]
                       BPMN (Business Process Model and Notation),
ARIS (Architecture of Integrated Information Systems), EPC (
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1.3.2.
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T;

3. *I*;

4. *O*.

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BPMN. BPMN -

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OMG BPMN. BPMN

[58, . 26]

BPMN,

:[58, .30]

(flow objects); 1.

2. (data);

(connecting objects); 3.

(swimlane); 4.

5. (artifacts).

BPMN . .). YAWL YAWL (Yet Another Workflow Language) (Aalst) (Hofstede) 2003 [77], YAWL [77, c. 3] YAWL, [77, . 10], YAWL YAWL 1.3.2 . 15).

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WfMC [29, .9] (Workflow) (workflow engine). [19, . 31 -- 35], workflow-

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eTOM [74] — SCOR [54] — - -

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APQC [21].

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: Fujitsu, EMC, Global360,

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, : Tibco Software, Software AG, SAP —

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: Appian BPM Suite[30], OpenText MBPM [71], Cordys BPMS [70], Pegasystems BPM [62], Fujitsu Interstage BPM [39], Tibco Active Matrix BPM [72];

: jBPM [50], BonitaBPM [23], Taverna

Workflow [56], Activiti BPM [68], Pegasus [64], Intalio BPMS [69].

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(Taverna Workflow,

Pegasus),

(jBPM, Activiti)

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jBPM Activiti ,

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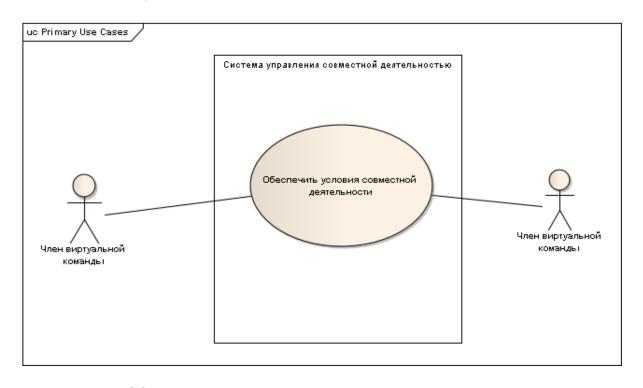
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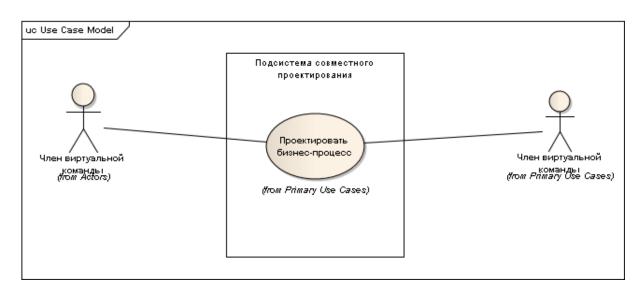
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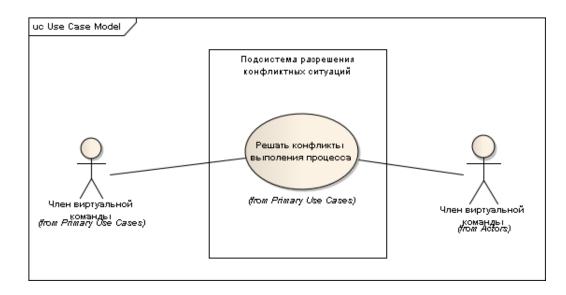


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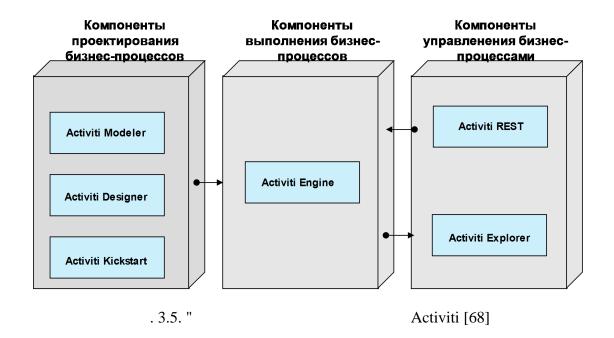
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BPMN XML,

git. git, [59], [63],

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[65]. OpenFire

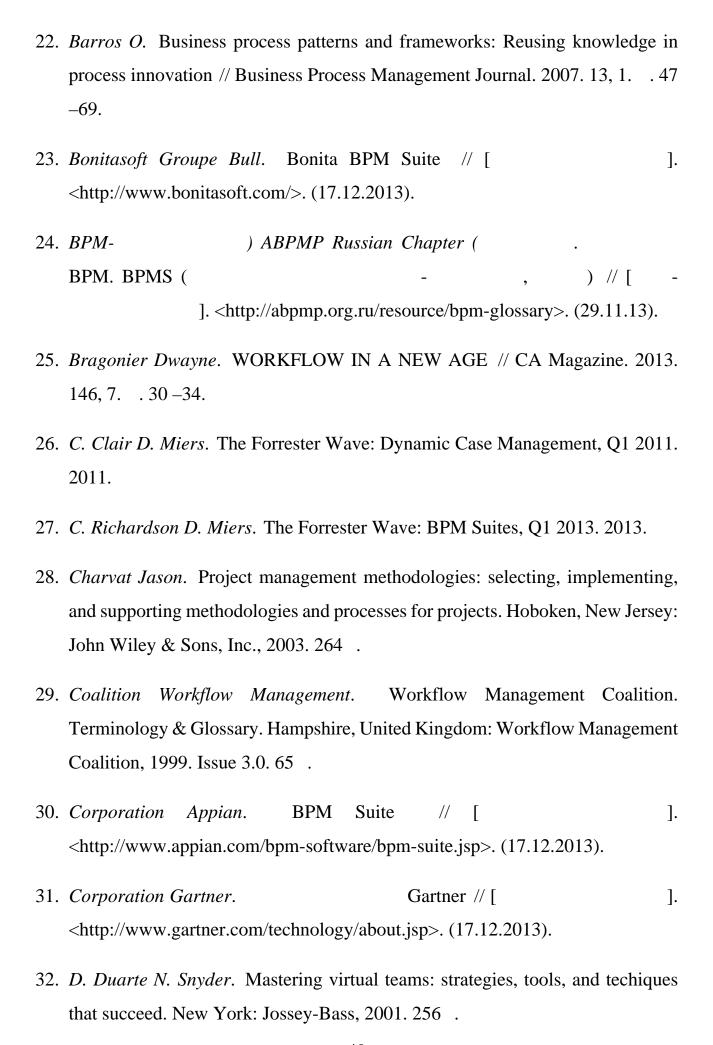
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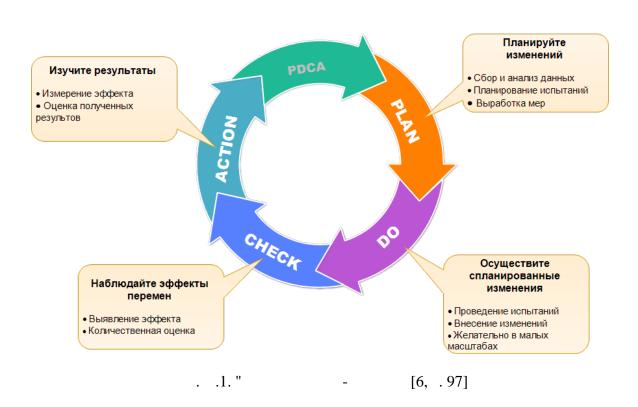
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Appian BPM Suite	9	8	9	7
OpenText MBPM	8	7	8	10
Cordys BPMS	10	8	6	9
Pegasystems BPM	10	9	10	9
Fujitsu Interstage BPM	7	7	6	5
Tibco Active Matrix BPM	6	10	9	9
jBPM	8	7	8	7
BonitaBPM	8	8	10	7
Taverna Workflow	5	10	6	7
Activiti BPM	7	6	7	5
Pegasus	5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

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	VE	LC	KM	AM
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