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	1.1.1.		4
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	1.2.1.		6
	1.2.2.		8
1.3.			9
	1.3.1.		9
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	1.7.1.		18
	1.7.2.		19
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1.1.1.

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. - , [1, . 31], [1, . 148], ,

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[2] - , <<

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>>. [3, . 55]

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1.1.2.

- ( . [4, . 17 -- 18], [5], [1, c. 148]) :

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[1, .30 -- 31], [8, .30]

. [1, .31]

, [8, .30], - ,

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· [9, .6] , , , , ...

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, PMBOK [10, .8],

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PMBOK 5 [11], 1.2.2. [12, .34]

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[13], [12].

1.3.

[8, .14]

1.3.1.

2006 . -

, [4, . 27].

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[8, . 15],

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BPMN (
                                                   ), EPC (c
        ).
                                                                      [8, . 15]
                                         SADT (Structured Analysis and Design
Technique) IDEF(Integration Definition for Functional Modeling.)
               [8, .17]
                                                                      c
                     UML (Unified Modeling Language).
          [8, .18]
            BPMN (Business Process Model and Notation), ARIS (Architecture of
Integrated Information Systems), EPC (
                                                                  ).
1.3.2.
                                                         [14]
                                                                C = (P, T, I, O),
                                 [14, . 15]
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4- :

1. *P*;

2. *T*;

3. *I*;

4. *O*;

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. [14, . 18]

G = V, A,  $v_i \in V$   $a_i \in A.$ 

V

) T( ).

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1.4.

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## 1.4.1. **BPMN**

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BPMN, :[15, .30] (flow objects); 1. 2. (Data); 3. (connecting objects); (swimlane); 4. 5. (artifacts). . .). BPMN 1.4.2. YAWL YAWL (Yet Another Workflow Language) (Aalst) (Hofstede) 2003 [16], YAWL

[16, c. 3] :

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YAWL, [16, .10]

, ( . 1.3.2 . 10).

1.5.

1.5.1.

WfMC (Workflow),
WfMC [17, .9], , ,

(workflow engine).

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

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1.5.2. Workflow

Workflow, [19, . 127], ,

, Workflow

Workflow, [19], 1.5.3. Workflowworkflow

Cunningham LLP

Zagiel S.A.,, Canningham [20], [21].

LLP

Zagiel S.A.

1.6.

1.6.1.

BPM- [22]
- ( ), <<
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- , .>>

1.6.2.

>> (Handbook on Business Information Systems) [23]

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1.7.

**1.7.1.** PMBOK Guide [10, . 33]

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1.7.2.

[24, .46] [12, c. 91 -- 93]),

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1.8.

1.8.1.

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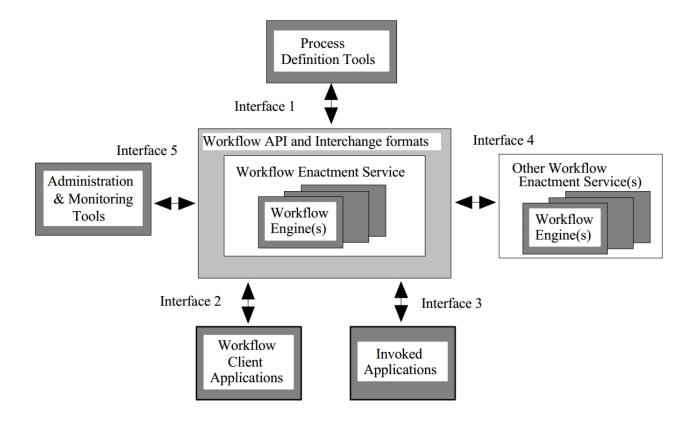
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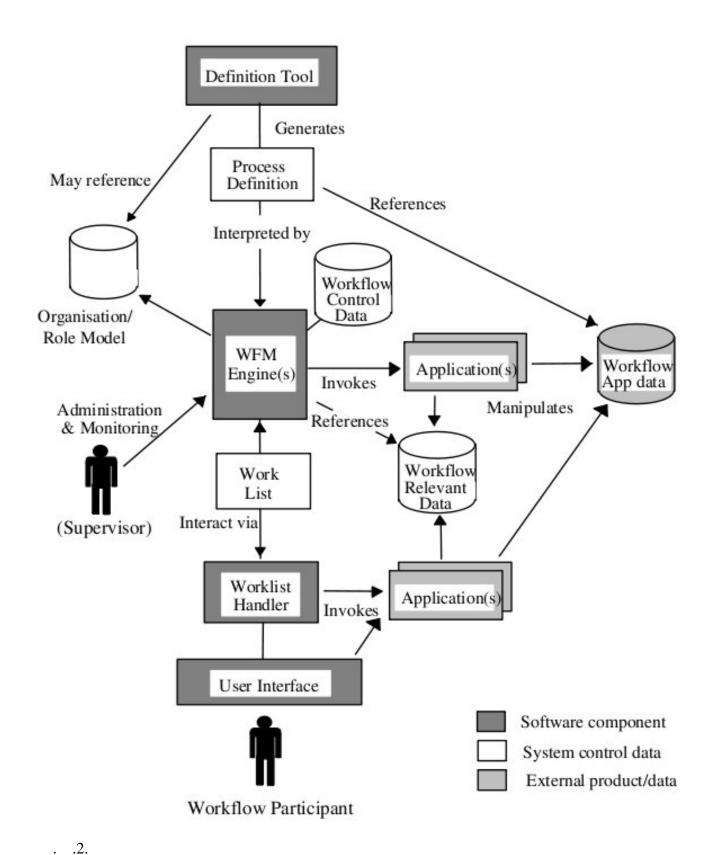
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. .1. "
(Workflow Reference Model) [17, .23]



(Generic Workflow Product Structure) [17, . 39]

## OMG BPMN v. 2.0

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OMG BPMN version 2.0 [15]

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