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	2.1.2.		6
2.2.			7
	2.2.1.		7
	2.2.2.		9
2.3.			0
	2.3.1.		0
	2.3.2.		1
2.4.			2
	2.4.1.	BPMN	3
	2.4.2.	YAWL 1	4
2.5.			5
	2.5.1.		5
	2.5.2.	Workflow 1	6
	2.5.3.	Workflow 1	7
2.6.			8
	2.6.1.		8
	2.6.2.		8
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	2.7.1.		9
	2.7.2.	2	20
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. - , [1, . 31], [1, . 148], ,

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[2] - , <<

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>>. [3, . 55]

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2.1.2.

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[8, .27], [1, .30 - 31], [8, .30][1, . 31] << >>. [8, . 30], [9, .6] )

, PMBOK [10, .8],

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[12, .34]

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[13], [12].

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, [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 (
                                                                  ).
2.3.2.
                                                         [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,

 $v_i \in V$   $a_i \in A$ .

2.4.

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## 2.4.1. **BPMN**

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BPMN, :[15, .30] (flow objects); 1. (Data); 2. 3. (connecting objects); (swimlane); 4. 5. (artifacts). . .). BPMN 2.4.2. YAWL YAWL (Yet Another Workflow Language) (Aalst) (Hofstede) 2003 [16],

, [16, c. 3] :

YAWL

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YAWL, [16, .10]

, ( . 2.3.2 . 11).

2.5.

2.5.1.

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

(workflow engine).

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> [18, . 31 -- 35], workflow-— ,

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2.5.2. Workflow

Workflow,

[19, . 127], , Workflow ,

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Workflow, [19], 2.5.3. Workflowworkflow Cunningham LLP

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

Zagiel S.A.

2.6.

2.6.1.

BPM- [22]
- ( ), <<
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>> (Handbook on Business Information Systems) [23]

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2.7.2.7.1.

PMBOK Guide [10, . 33]

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2.7.2.

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

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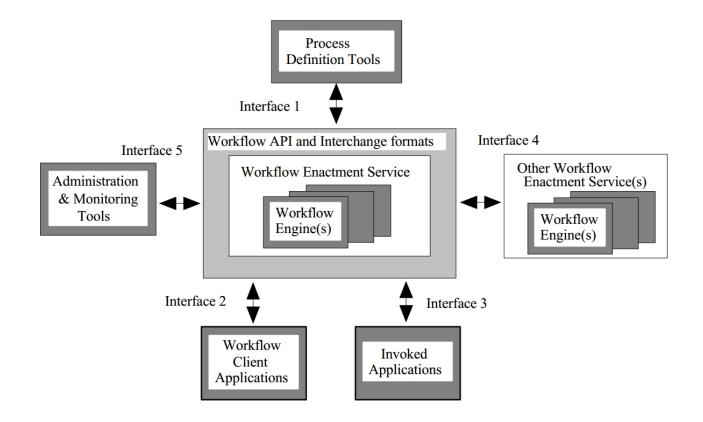
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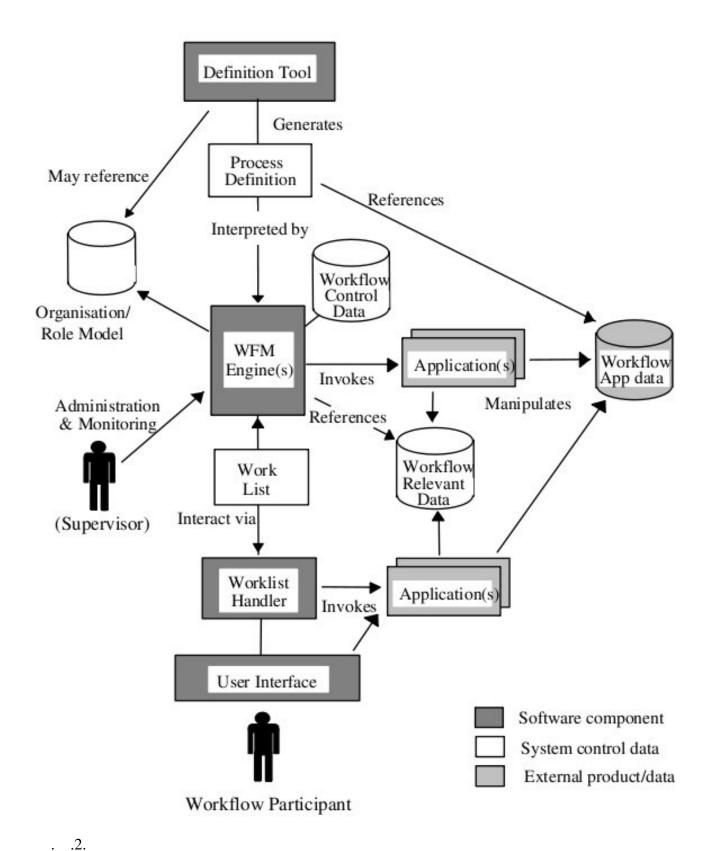
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. .1. "
(Workflow Reference Model) [17, .23]



(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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