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2.1.1.	-	5
2.1.2.	-	6
2.2.	7
2.2.1.	7
2.2.2.	9
2.3.	-	10
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3.1.3.	22
3.1.4.	23
3.1.5.	23
3.1.6.	23
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18], [5], [1, c. 148])

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 [8, .27],
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PMBOK 5 [11],

2.2.2.

[12, . 34]

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[4, . 27].

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[8, . 15],

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BPMN (), *EPC* (c).

[8, . 15]
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 .
 SADT (Structured Analysis and Design
 Technique) IDEF(Integration Definition for Functional Modeling.)

-
 [8, . 17] c -
 , - -
 - . -

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 ().

2.3.2.

[14] -
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 [14, . 15] $C = (P, T, I, O)$,

4- :

1. P ;

2. T ;

3. I ;

4. O ;

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. [14, . 18]

$$G = V, A,$$

-

$$a_i \in A.$$

$$v_i \in V$$

V

P (

) T().

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2.4.

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2.4.1. BPMN

BPMN

[illegible]

OMG BPMN.

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[15, . 26]

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BPMN,

:[\[15\]](#), . 30]

1. (flow objects);
2. (Data);
3. (connecting objects);
4. (swimlane);
5. (artifacts).

.). *BPMN* , /

2.4.2. YAWL

YAWL (Yet Another Workflow Language)

(Aalst) (Hofstede) 2003

[\[16\]](#),

YAWL

[\[16\]](#), c. 3]

2.5.

2.5.1.

WfMC (Workflow), -
WfMC [17, . 9], , -
(workflow engine). -
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[18, . 31 -- 35], workflow-

Workflow

Workflow,

[19, . 127],

Workflow

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Workflow, [19], -

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2.5.3. Workflow-

workflow --

Cunningham LLP

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

LLP , -

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2.6. -

2.6.1.

BPM- [22] -
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2.6.2.

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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.

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[24, . 46] [12, c. 91 -- 93]),
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3.1.1.

([\[25\]](#), [\[26\]](#))

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3.1.4.

3.1.5.

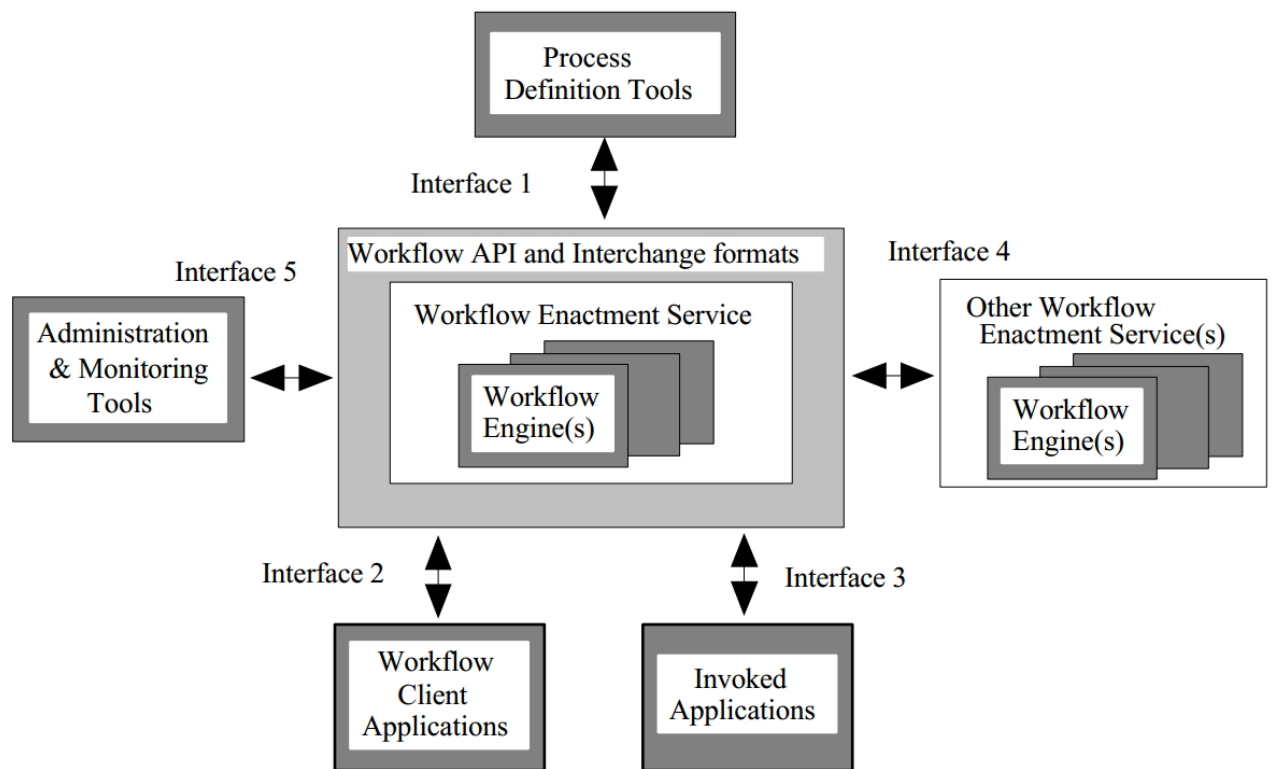
3.1.6.

3.2.

3.3.

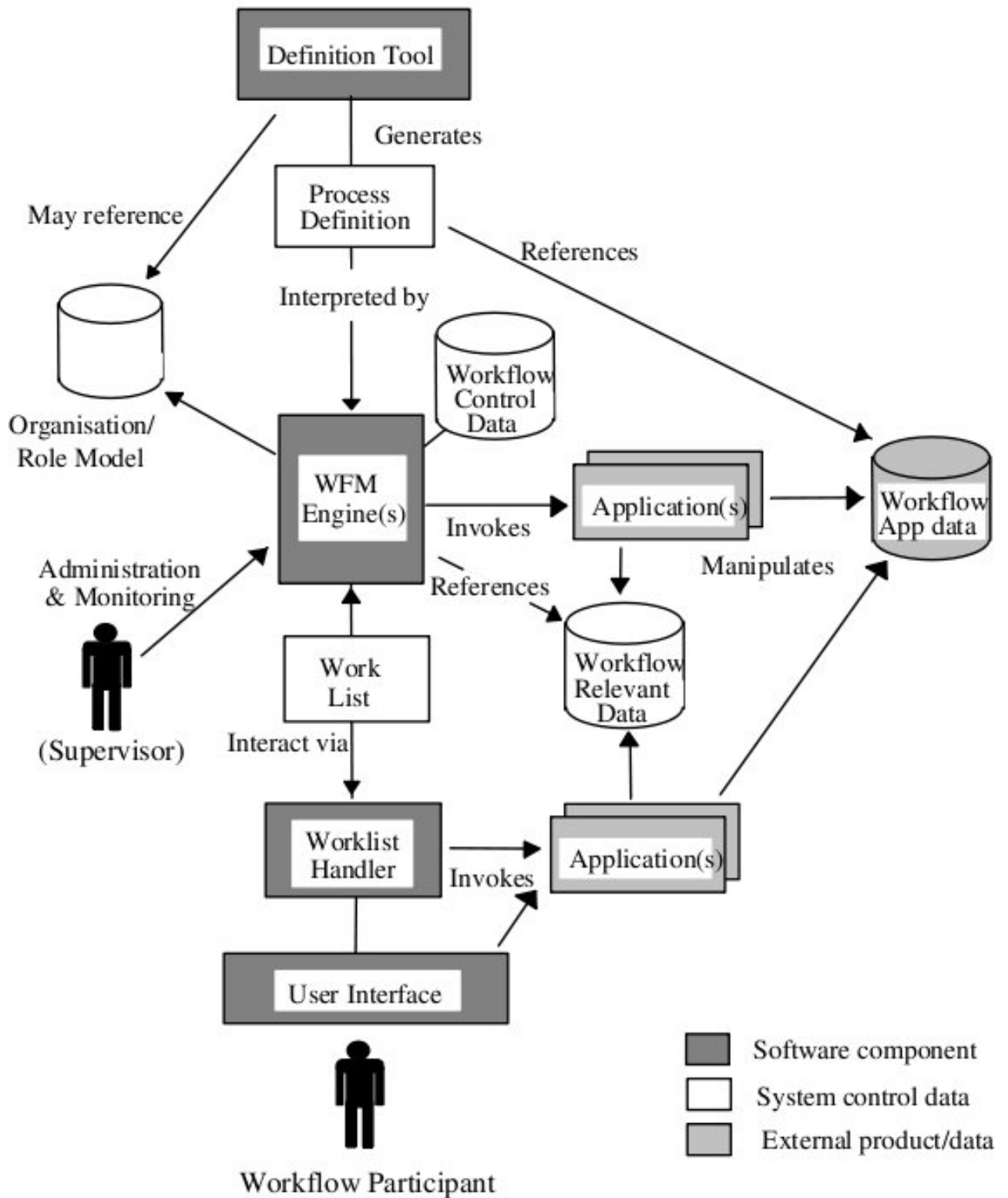
1. : : .
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: , 2006. . 287. . . .
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- : , 2006. . 240.
5. - -
: : , 1997. . 224. . . .
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: , , , , , 1923.
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27. . - . : -
, 2009. . 120.
28. . . . : . :
- , 2002. . 504.
29. , (
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(Workflow Reference Model) [17, . 23]

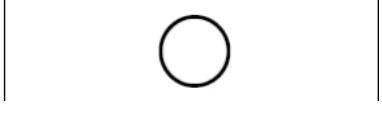



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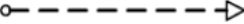
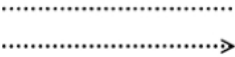
(Generic Workflow Product Structure) [17, . 39]

OMG BPMN v. 2.0

.1. OMG BPMN version 2.0 [15]

(Event)	<p>--- , -</p> <p>-</p> <p>.</p> <p>-</p> <p>() (</p> <p>).</p> <p>,</p> <p>.</p> <p>- ,</p> <p>:</p> <p>(Start),</p> <p>(Intermediate)</p> <p>(End).</p>	
(Activity)	<p>--- , -</p> <p>,</p> <p>- .</p> <p>,</p> <p>().</p> <p>,</p> <p>:</p> <p>(SubProcess) (Task).</p> <p>,</p> <p>.</p> <p>,</p> <p>,</p> <p>.</p>	

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(Gateway)	<p>- , . , - .</p>	
(Sequence Flow)	<p>- , - .</p>	
(Message Flow)	<p>- , BPMN (-).</p>	
(Association)	<p>(,) , , (,).</p>	

.1 ()

(Pool)	<div> <div> <div>.</div> <div>,</div> <div><<</div> <div>>> (B2B).</div> <div>.</div> <div>,</div> <div>,</div> <div><<</div> <div>>>.</div> </div> <div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> </div> </div>	<div> <div>Name</div> <div></div> </div>
(Lane)	<div> <div>,</div> <div>(</div> <div>).</div> </div> <div> <div>-</div> <div>-</div> </div>	<div> <div>Name</div> <div>Name</div> <div>Name</div> <div></div> </div>
(Data object)	<div> <div>,</div> <div>/</div> <div>.</div> <div>,</div> <div>.</div> </div> <div> <div>-</div> <div>-</div> <div>-</div> <div>-</div> </div>	<div> <div></div> </div>

(Message)	- - - (business PartnerRole business PartnerEntry).	
(Group)	(, - .) (Group) , , . - .	
(Text Annotation)	- (- , -) (Text BPMN Annotation) .	