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| 2.2.2. | | 27 |
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| | OMG BPMN v.2.0 | 35 |

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[8, .27],

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

[1, . 31]

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[8, . 30],

[9, .6]

PMBOK [10, . 8],

PMBOK 5 [11],

1.2.2.

[12, . 34]

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[8, . 15],
BPMN (), *EPC* (с
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, [8, . 15]

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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 ().

1.3.2.

[14] -

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1. P ;

- 2. T ;
- 3. I ;
- 4. O ;

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. [14, . 18]

$$G = V, A,$$

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$$v_i \in V$$

$$a_i \in A.$$

V

P (

) T().

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1.4.1. BPMN

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:[15, . 30]

1. (flow objects);

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

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 .). BPMN , /
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1.4.2. YAWL

YAWL (Yet Another Workflow Language)
 (Aalst) (Hofstede) 2003 -
 .
[\[16\]](#), ,
 YAWL
 . , ,
[\[16, c. 3\]](#) :
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YAWL,

[16, 10]

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1.5.

1.5.1.

WfMC

(Workflow),

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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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1.5.2.

Workflow

Workflow,
[\[19\]](#), . 127], ,
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 Workflow, [\[19\]](#), -
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1.5.3. Workflow-

workflow --
Cunningham LLP
Zagiel S.A., , [20], [21]. Canningham
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1.6. -

1.6.1.

BPM- [22] -
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1.7.

1.7.1.

PMBOK Guide [10, . 33]

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

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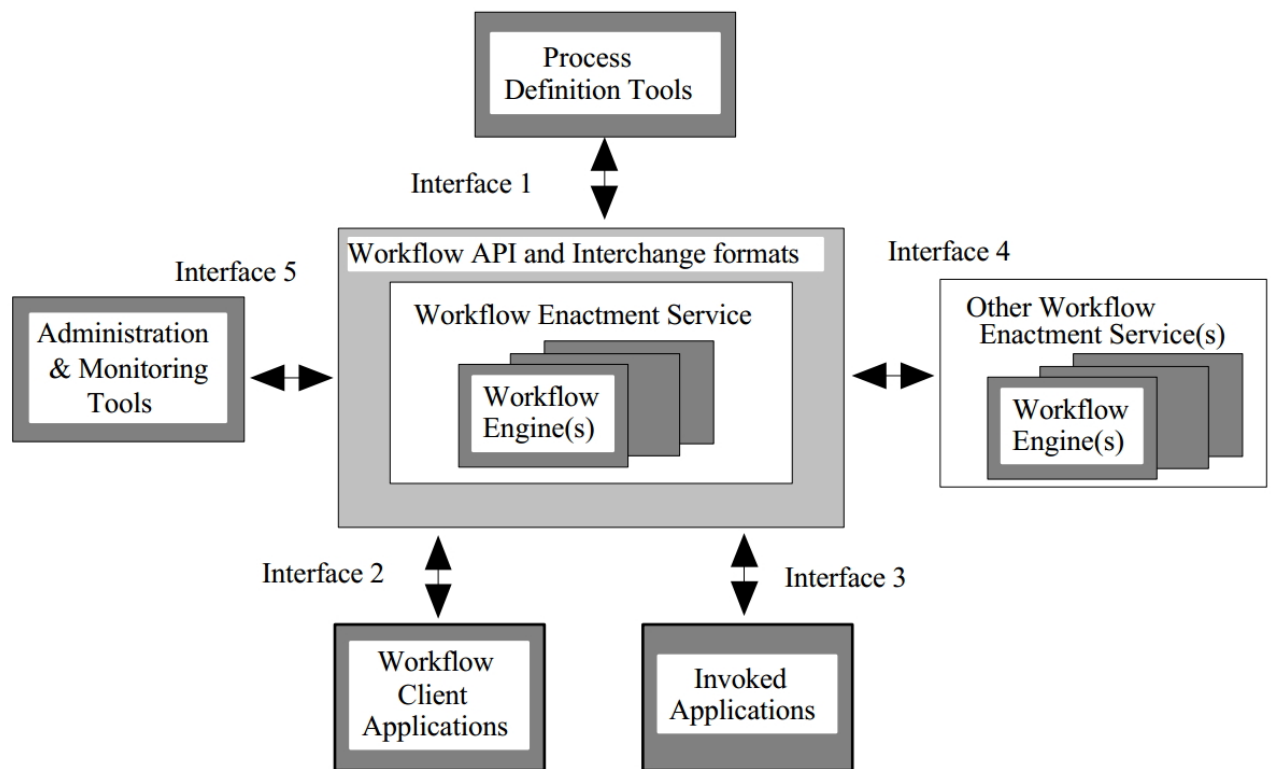
2.3. -

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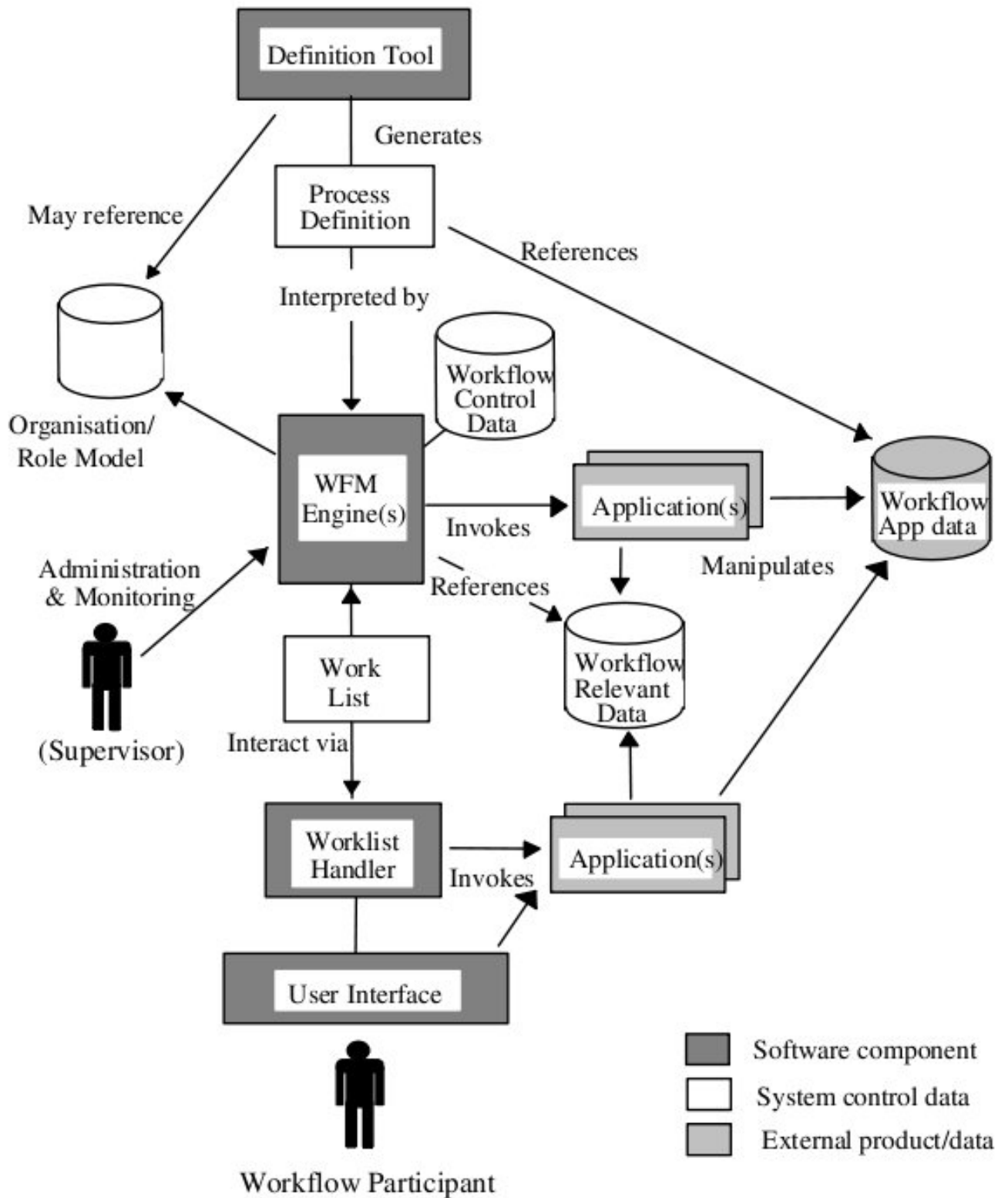
1. : : .
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: , 2006. . 287. . . .
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: : , 1997. . 224. . . .
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. 2003. Vol. 4. P. 89--93.
27. . - . : -
, 2009. . 120.
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- , 2002. . 504.
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(Workflow Reference Model) [17, . 23]





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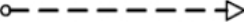
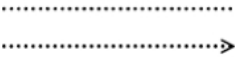
(Generic Workflow Product Structure) [17, . 39]

OMG BPMN v. 2.0

.1. OMG BPMN version 2.0 [15]




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

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| (Pool) | <div style="position: relative; height: 400px;"> - . , << >> (B2B). . , , << >>. </div> | <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <div style="float: right; font-size: small;">Name</div> <div style="clear: both;"></div> </div> |
| (Lane) | <div style="position: relative; height: 200px;"> , (). </div> | <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <div style="float: right; font-size: x-small;">Name Name</div> <div style="clear: both;"></div> </div> |
| (Data object) | <div style="position: relative; height: 200px;"> - , / . , . </div> | |

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| (Message) | <p>business PartnerRole business PartnerEntry).</p> |  |
| (Group) | |  |
| (Text Annotation) | BPMN |  |