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1.2.2.	12
1.3. -	13
1.3.1.	13
1.3.2.	14
1.4. -	15
1.4.1. BPMN	15
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1.5.3. Workflow-	20
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1.6.1.	20
1.6.2.	21
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1.7.1.	22
1.7.2.	22
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[8, .27],

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

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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* (c

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, [8, . 15]

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. SADT (Structured Analysis and Design Technique) IDEF(Integration Definition for Functional Modeling.)

- -

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

4- :

1. P ;

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

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. [14, . 18]

$$G = V, A,$$

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$$v_i \in V$$

$$a_i \in A.$$

V

P (

) T().

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1.4.1. BPMN

BPMN

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BPMN,

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:[15, . 30]

1. (flow objects);

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

(,
 .). BPMN , /
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1.4.2. YAWL

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

[16, 10]

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(1.3.2.14).

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]. Cunningham
LLP , -
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, Zagiel S.A.
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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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1.7.2.

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

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(agility)

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[\[34\]](#), [\[35\]](#),

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2.5.

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—eTOM [38]

SCOR [39]

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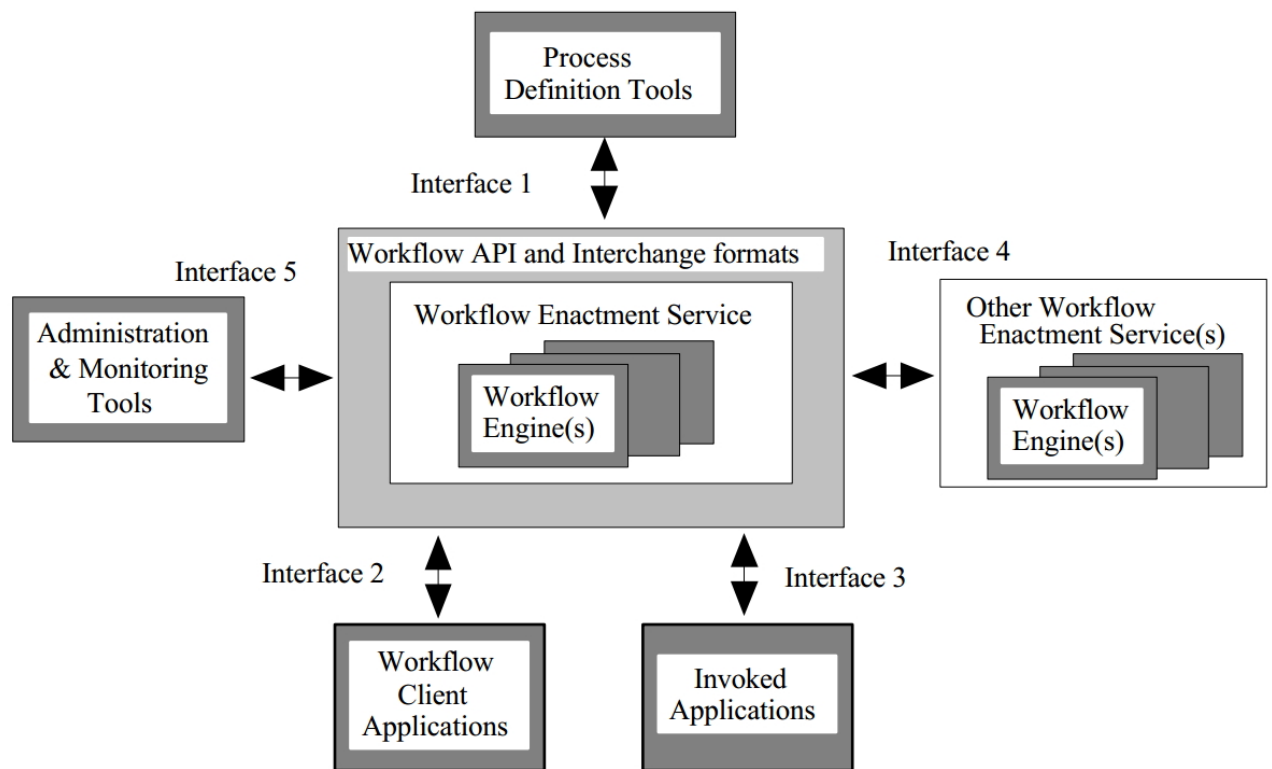
APQC [40].

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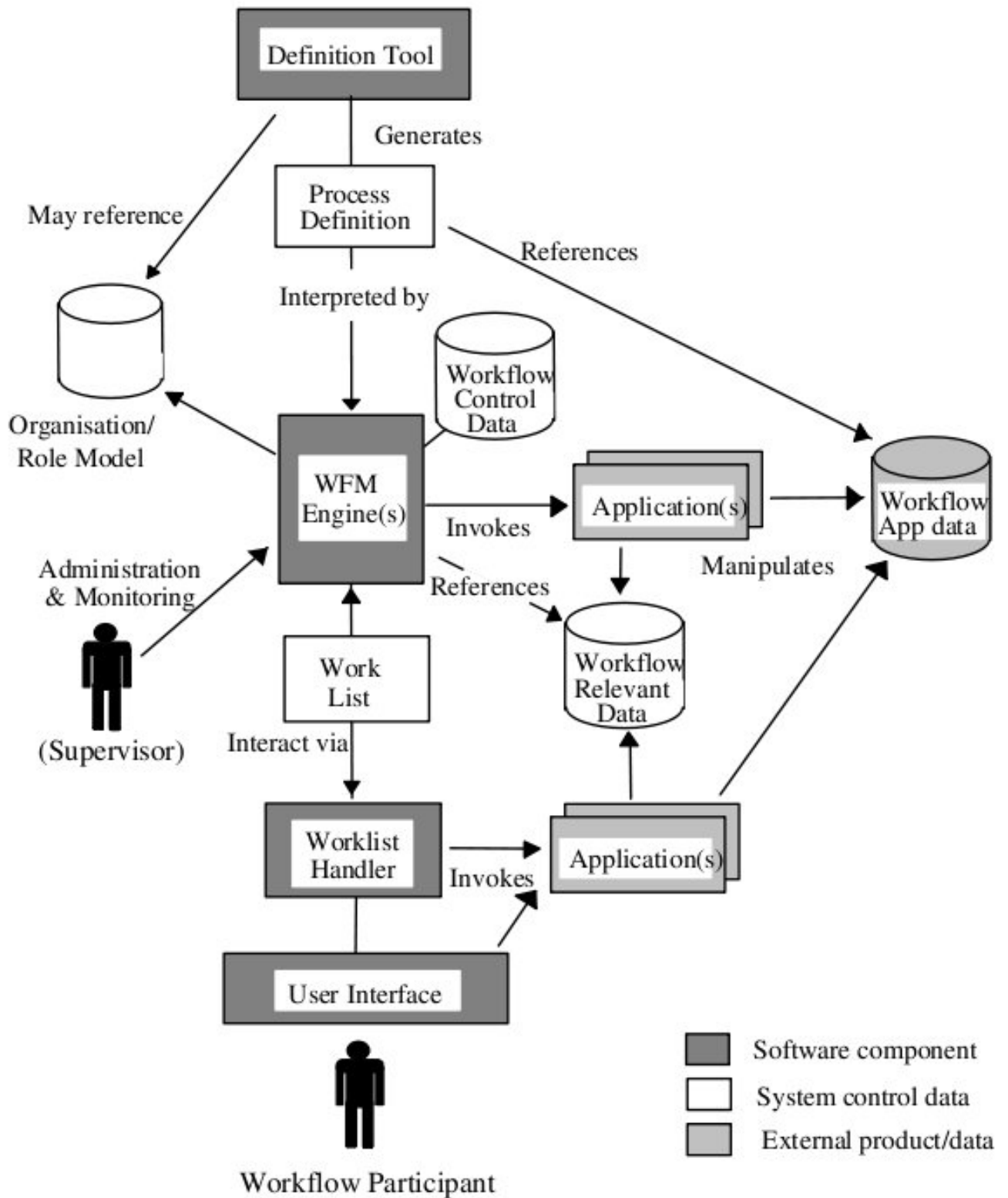
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(Workflow Reference Model) [17, . 23]





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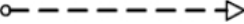
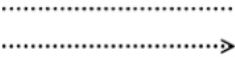
(Generic Workflow Product Structure) [17, . 39]

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>: (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>	

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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> <hr/> <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>	

.1 ()

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