BRAW II: BPR

BRAW II: Business Process Modeling Tool for BPR

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207-43

Abstract

Two reasons for the low success rate of the practical implementation of BPR are the lack of good models and consideration of information system development stage in a BPR project. This paper suggests an Integrated Business Process Model (IBPM), which incorporates two distinct but interrelated points of view: form and business process. By integrating the form model with the business process model, the IBPM has advantages in performing BPR projects; it helps to build the model, to analyze and redesign business processes, and to do requirement analysis of information systems. This paper also suggests a new BPR supporting tool, BRAW II(Business Reengineering Assistance Work-bench version 2.0). BRAW II supports IBPM and manages full stages of BPR project. In the design of BRAW II, the linkage between results of a BPR project and requirements for information system development is considered.

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(BPR)

[4,5].

[9,11]. BPR

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BPR   ProMap
[7]   ,   ‘
(IBPM, Integrated Business Process Model)’

,   ‘ BRAW
II(Business Reengineering Assistance Workbench
version 2.0)’   .

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BPR

,   3   IBPM

.   4   BRAW II

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2.

BPR

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: 1)

, 2)

, 3)

BPR

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2.1

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SilverRun   'SR_BPM', ProModel
'ProcessModel'   .

2.2

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Micrografx   'Optima!', IvyTeam   'Structware
98', High Performance Systems   'ithink[6]'
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2.3

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. IDEF
[1,2]   KBSI   'IDEF Intelligent-
Workbench', ARIS House of Business Engineering
IDS   'ARIS[9]', ProMap
KAIST   'BRAW(ver. 1.0)[7]'
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3.   (IBPM)

3.1 IBPM

IBPM

BPR

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1)

(Software Engineering)

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2)

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3)

[10].

[3]

3.2 IBPM

　IBPM　　　　　　　　　　　,　　　　　,

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　[　　1]　　IBPM

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[　　1] IBPM

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2)

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[8].　IBPM　　[　　1]

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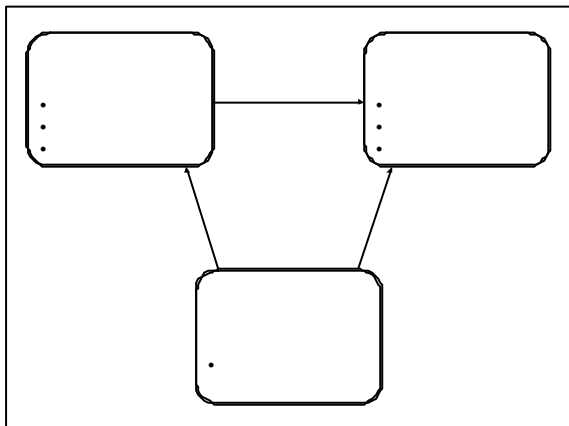
4. BRAW II(Business Reengineering Assistance Workbench version 2.0)

4.1 BRAW II

　BRAW II

1) IBPM

　　BRAW II　　ProMap

　　　　　　　　,　　　　　　IBPM

. BRAW II 는 IBPM 을 .

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4.2 BRAW II

BRAW II 는

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2)

BPR

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, 'UML(Unified Modeling

Language)' 를 ,

'Rational Objectory Process' , CASE

'Rational Rose' 를

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UML , Use

Case

, Use Case

BPR Interaction Diagram

CASE , interaction

(attribute)

. [2] BRAW II (method) .

CASE

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[3] BRAW

II .
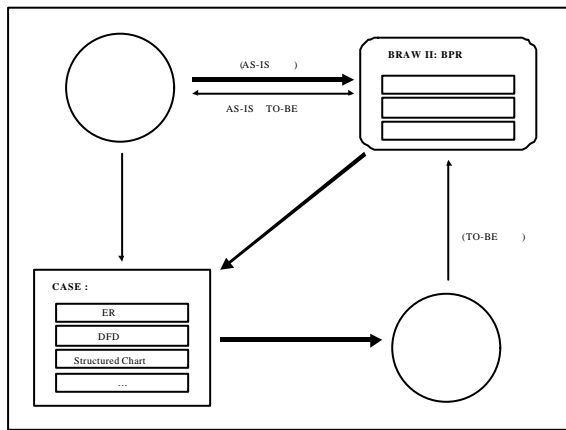
[2] BRAW II CASE
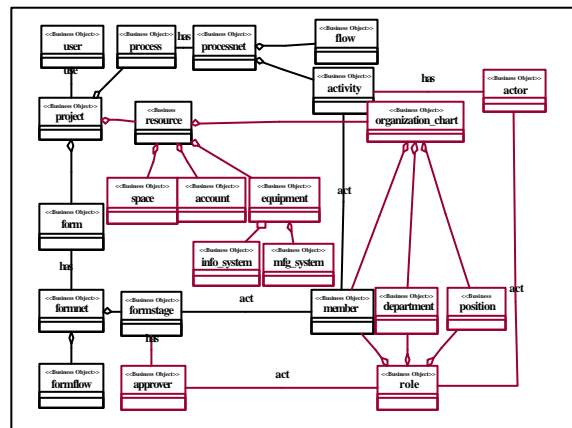
3) BPR

BRAW II IBPM BPR

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BRAW II

[3] BRAW II

BPR

BRAW II

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IBPM

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BRAW II

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IBPM

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IBPM

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BRAW II   IBPM   ,

BPR

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BPR

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6.

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