

# Bimloq bibliography

<bibtex mode="text"> @article{kk2012tcci,

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geistfund =      {BIMLOQ},
author =        {Krzysztof Kaczor and Krzysztof Kluza and Grzegorz Jacek Nalepa
and \L{}ukasz \L{}ysik},
title =        {Towards Rule Interoperability: Design of {D}rools Rule Bases Using
the {XTT}2 Method},
journal =       {Transactions on Computational Collective Intelligence IV},
series =        {Lecture Notes in Computer Science},
editor =        {Nguyen, Ngoc Thanh},
publisher =     {Springer},
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@incollection {gjn2011wikiheart,

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geistfund =      {BIMLOQ},
author =         {Nalepa, Grzegorz J. and Bobek, Szymon},
title =          {Embedding the {HeaRT} Rule Engine into a Semantic Wiki},
booktitle =      {Semantic Methods for Knowledge Management and
Communication},
series =         {Studies in Computational Intelligence},
editor =         {Katarzyniak, Radosław and Chiu, Tzu-Fu and Hong, Chao-Fu and
Nguyen, Ngoc},
publisher =      {Springer Berlin / Heidelberg},
isbn =           {978-3-642-23417-0},
pages =          {265-275},
volume =         {381},
year =           {2011}
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@article{ali2011automatyka,

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geistfund =      {BIMLOQ},
address =        {Krak\''{o}w},
author =         {Antoni Lig\k{e}za and Tomasz Ma\''{s}lanka and Krzysztof Kluza
and Grzegorz J. Nalepa},
journal =        {Automatyka: p\''{o}l\{rok}rocznik Akademii
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G\'orniczo-Hutniczej im. Stanis\l{}awa Staszica w Krakowie},  
number = {2},  
pages = {299--306},  
title = {Modeling {BPMN} diagrams within {XTT2} framework: a critical  
analysis},  
volume = {15},  
year = {2011}
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@article{ali2011dmms,

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geistfund = {BIMLOQ},  
author = {Lig\k{}e}za, Antoni},  
title = {{BPMN} -- a logical model and property analysis},  
journal = {Decision Making in Manufacturing and Services},  
year = {2011},  
volume = {5},  
number = {1-2},  
pages = {57-67},  
note = {ISSN 1896-832}
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@InProceedings{kluza2012icaisc,

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geistfund = {BIMLOQ},  
author = {Krzysztof Kluza and Krzysztof Kaczor and Grzegorz  
J. Nalepa},  
title = {Enriching Business Processes with Rules using the  
{Oryx BPMN} Editor},  
booktitle = {Artificial Intelligence and Soft Computing: 11th  
International Conference, ICAISC 2012: Zakopane,  
Poland, April 29--May 3, 2012},  
year = 2012,  
editor = {Leszek Rutkowski and [et al.]},  
series = {Lecture Notes in Artificial Intelligence},  
publisher = {Springer},  
pages = {573-581},  
volume = {7268},  
note = {to be published}
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@InProceedings{kk2011iccci-drools,

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geistfund = {BIMLOQ},  
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\L{}ukasz \L{}ysik and Krzysztof Kluza},  
affiliation = {AGH University of Science and Technology,  
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title = {Visual Design of {Drools} Rule Bases Using the
        {XTT2} Method},
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series = {Studies in Computational Intelligence},
editor = {Katarzyniak, Radoslaw and Chiu, Tzu-Fu and Hong,
        Chao-Fu and Nguyen, Ngoc},
publisher = {Springer Berlin / Heidelberg},
isbn = {978-3-642-23417-0},
keyword = {Engineering},
pages = {57-66},
volume = 381,
url = {http://dx.doi.org/10.1007/978-3-642-23418-7\_6},
note = {10.1007/978-3-642-23418-7\_6},
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@InProceedings{kluza2011kese,

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geistfund = {BIMLOQ},
author = {Krzysztof Kluza and Grzegorz J. Nalepa and Marcin
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title = {Proposal of a Hierarchical Approach to Formal
        Verification of {BPMN} Models Using {Alvis} and
        {XTT2} Methods},
booktitle = {7th Workshop on Knowledge Engineering and Software
            Engineering (KESE2011) at the Conference of the
            Spanish Association for Artificial Intelligence
            (CAEPIA 2011): November 10, 2011, La Laguna
            (Tenerife), Spain},
pages = {15-23},
year = 2011,
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title = {Visual Design of {Drools} Rule Bases Using the
        {XTT2} Method},
booktitle = {Semantic Methods for Knowledge Management and
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pages = {57--66},
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Chao-Fu and Nguyen, Ngoc},
volume = 381,
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@InCollection{szpyrka2011idc,

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geistfund = {BIMLOQ},
author = {Marcin Szpyrka and Grzegorz J. Nalepa and Antoni
Lig\k{e}za and Krzysztof Kluza},
title = {Proposal of Formal Verification of Selected {BPMN}
Models with {Alvis} Modeling Language},
booktitle = {Intelligent Distributed Computing V. Proceedings of
the 5th International Symposium on Intelligent
Distributed Computing -- IDC 2011, Delft, the
Netherlands -- October 2011},
pages = {249--255},
publisher = {Springer-Verlag},
year = 2011,
editor = {Frances M.T. Brazier and Kees Nieuwenhuis and Gregor
Pavlin and Martijn Warnier and Costin Badica},
volume = 382,
series = {Studies in Computational Intelligence}
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geistfund = {BIMLOQ},
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J. Nalepa and Antoni Lig\k{e}za},
title = {Proposal of Representing {BPMN} Diagrams with
{XTT2}-based Business Rules},
booktitle = {Intelligent Distributed Computing V. Proceedings of
the 5th International Symposium on Intelligent
Distributed Computing -- IDC 2011, Delft, the
Netherlands -- October 2011},
pages = {243--248},
publisher = {Springer-Verlag},
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volume = 382,
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@incollection{gjn2011nova,

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geistfund =      {BIMLOQ},
Author =      {Grzegorz J. Nalepa and Krzysztof Kluza and Sebastian
               Ernst},
Title =      {Modeling and Analysis of Business Processes with
               Business Rules},
Booktitle =   {Business Process Modeling: Software Engineering,
               Analysis and Applications},
Editor =     {J.A. Beckmann},
Publisher =   {Nova Publishers},
Publisher =   {Nova Science Publishers},
Series =     {Business Issues, Competition and Entrepreneurship},
Year =      2011,
ISBN =      {978-1-61209-344-4},
Pages =     {135--156},
Keywords =   {business process, business rule}
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@InProceedings{gjn2011ruleml-halva,

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geistfund =      {BIMLOQ},
author =      {Nalepa, Grzegorz and Bobek, Szymon and Lig\k{e}za,
               Antoni and Kaczor, Krzysztof},
affiliation =   {AGH University of Science and Technology,
               Al. Mickiewicza 30, 30-059 Kraków, Poland},
title =      {{HalVA} - Rule Analysis Framework for {XTT2} Rules},
booktitle =   {Rule-Based Reasoning, Programming, and Applications},
series =     {Lecture Notes in Computer Science},
editor =     {Bassiliades, Nick and Governatori, Guido and
               Paschke, Adrian},
publisher =   {Springer Berlin / Heidelberg},
pages =     {337-344},
volume =     6826,
url =        {http://dx.doi.org/10.1007/978-3-642-22546-8\_27},
note =      {10.1007/978-3-642-22546-8\_27},
year =      2011
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@article {ali2011widm,

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geistfund =      {BIMLOQ},
author =      {Lig\k{e}za, Antoni and Nalepa, Grzegorz J.},
title =      {A study of methodological issues in design and
               development of rule-based systems: proposal of a new
               approach},
journal =     {Wiley Interdisciplinary Reviews: Data Mining and
               Knowledge Discovery},
volume =     1,
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number = 2,  
publisher = {John Wiley & Sons, Inc.},  
issn = {1942-4795},  
url = {http://dx.doi.org/10.1002/widm.11},  
doi = {10.1002/widm.11},  
pages = {117--137},  
year = 2011
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@InBook{ali2010kam,

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geistfund = {BIMLOQ},  
author = {Lig\k{e}za, Antoni and Nalepa, Grzegorz J.},  
editor = {Malgorzata Nycz, Mieczysław L. Owoc},  
title = {Pozyskiwanie wiedzy i zarz\k{a}dzanie wiedz\k{a}},  
chapter = {{HeKatE} rule design methodology overview},  
publisher = {Wydawnictwo Uniwersytetu Ekonomicznego},  
year = 2010,  
series = {Prace Naukowe Uniwersytetu Ekonomicznego we  
Wroc\l{}awiu},  
address = {Wroc\l{}aw},  
pages = {58-68}
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@techreport{wta2010csltr,

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geistfund = {BIMLOQ},  
Author = {Weronika T. Adrian and Grzegorz J. Nalepa and  
Krzysztof Kaczor and Marta Noga},  
Institution = {AGH University of Science and Technology},  
Number = {CSLTR 2/2010},  
Title = {Overview of selected approaches to rule  
representation on the {Semantic Web}},  
Year = 2010
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@InProceedings{gjn2010ki,

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geistfund = {BIMLOQ},  
author = {Grzegorz J. Nalepa and Weronika T. Furma\'nska},  
title = {{Pellet-HearT}--- proposal of an architecture for  
ontology systems with rules},  
booktitle = {{KI 2010}: Advances in Artificial Intelligence: 33rd  
annual German conference on {AI}: Karlsruhe,  
Germany, September 21-24, 2010},  
pages = {143-150},  
year = 2010,  
editor = {R{"u}diger Dillmann and {et al.}},
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volume =      6359,
series =      {Lecture Notes in Artificial Intelligence},
address =     {Berlin; Heidelberg},
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annotate =    {ISSN 0302-9743 ; 6359).  ISBN-10 3-642-16110-3 ;
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@incollection {gjn2011tcci,

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                and Technology, Al. Mickiewicza 30, 30-059 Kraków,
                Poland},
title =        {Loki~-- Semantic Wiki with Logical Knowledge
                Representation},
booktitle =    {Transactions on Computational Collective
                Intelligence III},
series =       {Lecture Notes in Computer Science},
editor =       {Nguyen, Ngoc Thanh},
publisher =    {Springer},
pages =        {96-114},
volume =       6560,
url =          {http://dx.doi.org/10.1007/978-3-642-17155-0_1},
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@Article{gjn2011ijseke,

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geistfund =    {BIMLOQ},
author =       {Grzegorz J. Nalepa and Krzysztof Kluza},
title =        {{UML} Representation for Rule-Based Application
                Models with {XTT2}-based Business Rules},
journal =      {International Journal of Software Engineering and
                Knowledge Engineering (IJSEKE)},
year =         2012,
note =         {accepted for publication}

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@inproceedings {kkrgjnllk2010deris-xtt2drools,

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geistfund =    {BIMLOQ},
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                Bobek},
Booktitle =    {Crossing Borders within ABC. Automation, Biomedical

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Engineering and Computer Science: 55 IWK
Internationales Wissenschaftliches Kolloquium:
International Scientific Colloquium},
Editor = {Andrea Schneider},
Pages = {555-560},
Title = {Rule Modularization and Inference Solutions~-- a
        Synthetic Overview},
Year = 2010
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@inproceedings{gjn2010kese-vism,

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geistfund = {BIMLOQ},
Address = {Karlsruhe, Germany},
Author = {Krzysztof Kluza and Grzegorz J. Nalepa and {\L}ukasz
        {\L}ysik},
Booktitle = {6th Workshop on Knowledge Engineering and Software
        Engineering (KESE2009) at the 32nd German conference
        on Artificial Intelligence: September 21, 2010,
        Karlsruhe, Germany},
Editor = {Grzegorz J. Nalepa and Joachim Baumeister},
Pages = {6-17},
Title = {Visual Inference Specification Methods for
        Modularized Rulebases. {0}verview and Integration
        Proposal},
Year = 2010
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@article{gjn2010jucs,

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geistfund = {BIMLOQ},
Author = {Grzegorz J. Nalepa},
Journal = {Journal of Universal Computer Science},
Note =
{\url|http://www.jucs.org/jucs_16_7/collective_knowledge_engineering_with|},
Number = 7,
Pages = {1006--1023},
Title = {Collective Knowledge Engineering with Semantic
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Volume = 16,
Year = 2010
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@incollection {gjn2010tcci-daal,

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geistfund = {BIMLOQ},
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affiliation = {Institute of Automatics, AGH University of Science
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and Technology, Al. Mickiewicza 30, 30-059 Kraków,
Poland},
title = {Integration Proposal for Description Logic and
Attributive Logic--- Towards {S}emantic {W}eb Rules},
booktitle = {Transactions on Computational Collective
Intelligence II},
series = {Lecture Notes in Computer Science},
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publisher = {Springer Berlin / Heidelberg},
pages = {1-23},
volume = 6450,
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@TechReport{maslanka2011csltr,
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title = {Proposal of the translation of {BPMN} model to the
{XTT2} knowledge representation},
number = {CSLTR 1/2011},
institution = {AGH University of Science and Technology},
year = 2011,
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Last update: **2012/04/16 11:12**

