

# BIMLOQ bibliography

## 2012

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

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geistfund =      {BIMLOQ},
author =        {Krzysztof Kaczor and Krzysztof Kluza and Grzegorz Jacek Nalepa
and Łukasz Łysik},
title = {Towards Rule Interoperability: Design of {D}rools Rule Bases Using
the {XTT}2 Method},
journal =      {Transactions on Computational Collective Intelligence},
series =       {Lecture Notes in Computer Science},
editor =       {Nguyen, Ngoc Thanh},
publisher =    {Springer},
year =        2012,
note =        {submitted}
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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},
url =         {http://www.springerlink.com/content/u654r0m56882np77/},
file =        {http://www.springerlink.com/content/u654r0m56882np77/fulltext.pdf}
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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
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Knowledge Engineering (IJSEKE)},
year = 2012,
OPTmonth = June,
volume = 22,
number = 4,
pages = {485-524},
OPTnote = {in press}
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## 2011

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<bibtex mode="text"> @article{ali2011par,
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geistfund = {BIMLOQ},
author = {Antoni Ligęza},
title = {A note on analysis of {BPMN} diagrams},
journal = {{PAR} Pomiary Automatyka Robotyka},
year = {2011},
volume = {15},
number = {12},
pages = {210-212},
note = {ISSN 1427-9126}
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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, Radoslaw and Chiu, Tzu-Fu and Hong, Chao-Fu and
Nguyen, Ngoc},
publisher = {Springer Berlin / Heidelberg},
OPTisbn = {978-3-642-23417-0},
pages = {265-275},
volume = {381},
year = {2011},
url = {http://www.springerlink.com/content/f39827272u6732h0/},
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@article{ali2011automatyka,
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geistfund =      {BIMLOQ},
address =      {Kraków},
author =      {Antoni Ligęza and Tomasz Maślanka and Krzysztof Kluza and
Grzegorz J. Nalepa},
journal =      {Automatyka: półrocznik Akademii
                Górniczo-Hutniczej im. Stanisława Staszica w Krakowie},
number =      {2},
pages =      {299–306},
title =      {Modeling {BPMN} diagrams within {XTT2} framework: a critical
analysis},
volume =      {15},
year =      {2011},
url =
{http://baztech.icm.edu.pl/baztech/cgi-bin/btgetdoc.cgi?AGH1-0027-0043},
file =      {http://journals.bg.agh.edu.pl/AUTOMATYKA/2011-02/Auto28.pdf}
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@article{ali2011dmms,

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geistfund =      {BIMLOQ},
author =      {Ligęza, 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},
OPTnote =      {ISSN 1896-832},
keyword =      {BPMN},
OPTannotate =      {podwojny wpis z: dmms},
OPTfile =      {http://www.dmms.agh.edu.pl/Volume_5/DMMS_2011_Ligeza_1.pdf}
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@InProceedings{kluza2011kese,

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geistfund =      {BIMLOQ},
author =      {Krzysztof Kluza and Grzegorz J. Nalepa and Marcin
                Szyrka and Antoni Ligęza},
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,
editor =      {Joaquin Canadas and Grzegorz J. Nalepa and Joachim
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        Baumeister},
url =    {http://ceur-ws.org/Vol-805/},
file =   {http://ceur-ws.org/Vol-805/kese7-03.pdf}

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@InCollection{kaczor2011icci,

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geistfund =    {BIMLOQ},
author =       {Krzysztof Kaczor and Grzegorz J. Nalepa and
                Łukasz Łysik and Krzysztof Kluza},
title =        {Visual Design of {Drools} Rule Bases Using the
                {XTT2} Method},
booktitle =    {Semantic Methods for Knowledge Management and
                Communication},
pages =        {57–66},
publisher =    {Springer-Verlag},
year =         2011,
editor =       {Katarzyniak, Radoslaw and Chiu, Tzu-Fu and Hong,
                Chao-Fu and Nguyen, Ngoc},
volume =       381,
series =       {Studies in Computational Intelligence},
isbn =         {978-3-642-23417-0},
OPTurl =       {http://dx.doi.org/10.1007/978-3-642-23418-7_6},
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@InCollection{szpyrka2011idc,

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geistfund =    {BIMLOQ},
author =       {Marcin Szpyrka and Grzegorz J. Nalepa and Antoni
                Ligęza 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},
url =          {http://www.springerlink.com/content/m181144037q67271/},
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geistfund = {BIMLOQ},
author = {Krzysztof Kluza and Tomasz Maślanka and Grzegorz
          J. Nalepa and Antoni Ligęza},
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},
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},
url = {http://www.springerlink.com/content/d44n334p05772263/},
file = {http://www.springerlink.com/content/d44n334p05772263/fulltext.pdf}
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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},
OPTPublisher = {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},
OPTurl =
{http://www.novapublishers.com/catalog/product_info.php?products_id=16938}
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@InProceedings{gjn2011ruleml-halva,

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geistfund = {BIMLOQ},
author = {Nalepa, Grzegorz and Bobek, Szymon and Ligęza,
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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,
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year = 2011,
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file = {http://www.springerlink.com/content/c276374nh9682jm6/fulltext.pdf}
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@article {ali2011widm,

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geistfund = {BIMLOQ},
author = {Ligeza, 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,
number = 2,
publisher = {John Wiley & Sons, Inc.},
issn = {1942-4795},
OPTurl = {http://dx.doi.org/10.1002/widm.11},
doi = {10.1002/widm.11},
pages = {117-137},
year = 2011,
url = {http://onlinelibrary.wiley.com/doi/10.1002/widm.11/pdf}
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@incollection {gjn2011tcci,

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Author = {Grzegorz J. Nalepa},
affiliation = {Institute of Automatics, AGH University of Science
              and Technology, Al. Mickiewicza 30, 30-059 Kraków,
              Poland},
title = {Loki – Semantic Wiki with Logical Knowledge
        Representation},
booktitle = {Transactions on Computational Collective
              Intelligence III},
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series = {Lecture Notes in Computer Science},
editor = {Nguyen, Ngoc Thanh},
publisher = {Springer},
pages = {96-114},
volume = 6560,
OPTurl = {http://dx.doi.org/10.1007/978-3-642-17155-0_1},
OPTnote = {10.1007/978-3-642-17155-0_1},
year = 2011,
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@TechReport{maslanka2011csltr,

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geistfund = {BIMLOQ},
author = {Tomasz Maślanka and Antoni Ligęza and
          Krzysztof Kluza and Grzegorz J. Nalepa},
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,
note = {in press},
OPTfile = {CSLTR-1_2011.pdf},
url = {http://cslab.ia.agh.edu.pl/csltr:listaraportow}
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## 2010

<bibtex mode="text"> @InBook{ali2010wnt,

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geistfund = {BIMLOQ},
author = {Antoni Ligęza and Grzegorz J. Nalepa},
title = {Metody formalne w inżynierii oprogramowania
         systemów czasu rzeczywistego},
chapter = {Metody reprezentacji i analizy systemów regułowych},
publisher = {Wydawnictwa Naukowo-Techniczne},
year = 2010,
pages = {261-283},
address = {Warszawa}
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@InBook{ali2010kam,

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geistfund = {BIMLOQ},
author = {Ligęza, Antoni and Nalepa, Grzegorz J.},
editor = {Małgorzata Nycz, Mieczysław L. Owoc},
title = {Pozyskiwanie wiedzy i zarządzanie wiedzą},
chapter = {{HeKatE} rule design methodology overview},
publisher = {Wydawnictwo Uniwersytetu Ekonomicznego},
year = 2010,
series = {Prace Naukowe Uniwersytetu Ekonomicznego we
          Wrocławiu},
address = {Wrocław},
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,
url = {http://cslab.ia.agh.edu.pl/csltr:listaraportow},
file = {http://winntbg.bg.agh.edu.pl/csl/csltr-2-2010.pdf}
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@InProceedings{gjn2010ki,

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geistfund = {BIMLOQ},
author = {Grzegorz J. Nalepa and Weronika T. Furmańska},
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.}},
volume = 6359,
series = {Lecture Notes in Artificial Intelligence},
address = {Berlin; Heidelberg},
publisher = {Springer-Verlag},
annote = {ISSN 0302-9743 ; 6359). ISBN-10 3-642-16110-3 ;
          ISBN-13 978-3-642-16110-0},
url = {http://www.springerlink.com/content/r46p8m40432n7342/},
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@inproceedings{kkrgjnllk2010deris-xtt2drools,

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geistfund =      {BIMLOQ},
Address =      {Illmenau, Germany},
Author =      {Krzysztof Kaczor and Grzegorz J. Nalepa and Szymon
               Bobek},
Booktitle =    {Crossing Borders within ABC. Automation, Biomedical
               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,
url =      {http://ceur-ws.org/Vol-646/},
file =      {http://ceur-ws.org/Vol-646/DERIS2010paper4.pdf}

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@inproceedings{gjn2010kese-vism,

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geistfund =      {BIMLOQ},
Address =      {Karlsruhe, Germany},
Author =      {Krzysztof Kluza and Grzegorz J. Nalepa and Łukasz
               Łysik},
Booktitle =    {Proceedings of the 6th Workshop on Knowledge Engineering and
               Software Engineering (KESE6) at the 33rd 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. Overview and Integration
               Proposal},
Year =      2010,
url =      {http://ceur-ws.org/Vol-636/},
file =      {http://ceur-ws.org/Vol-636/kese6-02.pdf}

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@article{gjn2010jucs,

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geistfund =      {BIMLOQ},
Author =      {Grzegorz J. Nalepa},
Journal =      {Journal of Universal Computer Science},
OPTNote =
{\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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Wikis},
Volume = 16,
Year = 2010,
url =
{http://www.jucs.org/jucs_16_7/collective_knowledge_engineering_with},
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{http://www.jucs.org/jucs_16_7/collective_knowledge_engineering_with/jucs_16_07_1006_1023_nalepa.pdf}
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@article{bobek2010ict,

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geistfund = {BIMLOQ},
Author = {Szymon Bobek and Krzysztof Kaczor and Grzegorz
          J. Nalepa},
Journal = {Gdansk University of Technology Faculty of ETI
          Annals},
Number = 8,
Pages = {57-62},
Title = {Overview of Rule Inference Algorithms for Structured
          Rule Bases},
Volume = 18,
Year = 2010
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@article{noga2010ict,

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geistfund = {BIMLOQ},
Author = {Marta Noga and Krzysztof Kaczor and Grzegorz
          J. Nalepa},
Journal = {Gdansk University of Technology Faculty of ETI
          Annals},
Number = 8,
Pages = {103-108},
Title = {Lightweight reasoning methods in selected Semantic
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Volume = 18,
Year = 2010
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@incollection {gjn2010tcci-daal,

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              Poland},
title = {Integration Proposal for Description Logic and
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Attributive Logic – Towards {S}emantic {W}eb Rules},
booktitle = {Transactions on Computational Collective
Intelligence II},
series = {Lecture Notes in Computer Science},
editor = {Nguyen, Ngoc Thanh and Kowalczyk, Ryszard},
publisher = {Springer Berlin / Heidelberg},
pages = {1-23},
volume = 6450,
year = 2010,
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