

# Bimloq bibliography

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<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},
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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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geistfund =      {BIMLOQ},
address =      {Krak\{'o}w},
author =      {Antoni Lig\k{e}za and Tomasz Ma\`słanka and Krzysztof Kluza
and Grzegorz J. Nalepa},
journal =     {Automatyka: p\`o\l{}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,

```
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},
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publisher = {Springer Berlin / Heidelberg},
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pages = {57-66},
volume = 381,
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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},
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geistfund = {BIMLOQ},
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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
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volume = 382,
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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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@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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@incollection {gjn2011tcci,

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                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},
Address =      {Illmenau, Germany},
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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
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@inproceedings{gjn2010kese-vism,

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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
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        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},
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{\url|http://www.jucs.org/jucs_16_7/collective_knowledge_engineering_with|},
Number = 7,
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Title = {Collective Knowledge Engineering with Semantic
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Volume = 16,
Year = 2010
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        and Technology, Al. Mickiewicza 30, 30-059 Kraków,
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title = {Integration Proposal for Description Logic and
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booktitle = {Transactions on Computational Collective
        Intelligence II},
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editor = {Nguyen, Ngoc Thanh and Kowalczyk, Ryszard},
publisher = {Springer Berlin / Heidelberg},
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volume = 6450,
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note = {10.1007/978-3-642-17155-0_1},
year = 2010

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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,
note = {in press},
file = {CSLTR-1_2011.pdf}

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Last update: **2012/04/16 11:05**

