Adoption of BioPortal’s Ontology Registry Software: The Emerging OntoPortal Community
John Graybeal, Clement Jonquet, Nicola Fiore, Mark Musen

To cite this version:

HAL Id: lirmm-02360625
https://hal-lirmm.ccsd.cnrs.fr/lirmm-02360625
Submitted on 12 Nov 2019

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L’archive ouverte pluridisciplinaire HAL, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d’enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.
OntoPortal Software: Adoption Increasing

NCBO’s BioPortal [1] was the original public ontology repository, and has expanded well beyond its biomedical roots, now carrying over 700 public biomedical and other ontologies. LIRMM offers AgroPortal [2] with over 100 public agricultural ontologies, and the SIFR project [3] runs a BioPortal service supporting research in French annotation. The EcoPortal LifeWatch ERIC initiative is deploying a repository for ecology and biodiversity [4]. And at least two other deployments are in exploratory phases.

[1] https://bioportal.bioontology.org

A key BioPortal deliverable has been the Virtual Appliance, which any community can deploy to create their own repository of ontologies and vocabularies. Adoption of the Virtual Appliance has increased significantly, with many developers, operators, and end users adopting and improving the code. We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

Adopting BioPortal’s Ontology Registry Software: The Emerging OntoPortal Community

John Graybeal¹, Clement Jonquet², Nicola Fiore³, Mark A. Musen¹

¹Center for Biomedical Informatics Research (BMIR), Stanford University,
²Laboratory of Informatics, Robotics, and Microelectronics of Montpellier (LIRMM), University of Montpellier,
³LifeWatch Italy, University of Salento

Announcing: The OntoPortal Alliance

The OntoPortal Virtual Appliance (formerly, BioPortal Virtual Appliance or NCBO Virtual Appliance) has been made available in three forms: a VMware Virtual Appliance OVF (Open Virtualization Format); an Amazon Web Service AMI (Amazon Machine Instance); and (less formally) the GitHub ncbo project.

We have received 44 requests for the Virtual Appliance in the last 30 months, and know of several users of the GitHub software. We plan to release Version 3.0 of the Virtual Appliance in all formats.

We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

A key BioPortal deliverable has been the Virtual Appliance, which any community can deploy to create their own repository of ontologies and vocabularies. Adoption of the Virtual Appliance has increased significantly, with many developers, operators, and end users adopting and improving the code. We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

Adopting BioPortal’s Ontology Registry Software: The Emerging OntoPortal Community

John Graybeal¹, Clement Jonquet², Nicola Fiore³, Mark A. Musen¹

¹Center for Biomedical Informatics Research (BMIR), Stanford University,
²Laboratory of Informatics, Robotics, and Microelectronics of Montpellier (LIRMM), University of Montpellier,
³LifeWatch Italy, University of Salento

Announcing: The OntoPortal Alliance

The OntoPortal Virtual Appliance (formerly, BioPortal Virtual Appliance or NCBO Virtual Appliance) has been made available in three forms: a VMware Virtual Appliance OVF (Open Virtualization Format); an Amazon Web Service AMI (Amazon Machine Instance); and (less formally) the GitHub ncbo project.

We have received 44 requests for the Virtual Appliance in the last 30 months, and know of several users of the GitHub software. We plan to release Version 3.0 of the Virtual Appliance in all formats.

We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

A key BioPortal deliverable has been the Virtual Appliance, which any community can deploy to create their own repository of ontologies and vocabularies. Adoption of the Virtual Appliance has increased significantly, with many developers, operators, and end users adopting and improving the code. We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

Adopting BioPortal’s Ontology Registry Software: The Emerging OntoPortal Community

John Graybeal¹, Clement Jonquet², Nicola Fiore³, Mark A. Musen¹

¹Center for Biomedical Informatics Research (BMIR), Stanford University,
²Laboratory of Informatics, Robotics, and Microelectronics of Montpellier (LIRMM), University of Montpellier,
³LifeWatch Italy, University of Salento

Announcing: The OntoPortal Alliance

The OntoPortal Virtual Appliance (formerly, BioPortal Virtual Appliance or NCBO Virtual Appliance) has been made available in three forms: a VMware Virtual Appliance OVF (Open Virtualization Format); an Amazon Web Service AMI (Amazon Machine Instance); and (less formally) the GitHub ncbo project.

We have received 44 requests for the Virtual Appliance in the last 30 months, and know of several users of the GitHub software. We plan to release Version 3.0 of the Virtual Appliance in all formats.

We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

A key BioPortal deliverable has been the Virtual Appliance, which any community can deploy to create their own repository of ontologies and vocabularies. Adoption of the Virtual Appliance has increased significantly, with many developers, operators, and end users adopting and improving the code. We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

Adopting BioPortal’s Ontology Registry Software: The Emerging OntoPortal Community

John Graybeal¹, Clement Jonquet², Nicola Fiore³, Mark A. Musen¹

¹Center for Biomedical Informatics Research (BMIR), Stanford University,
²Laboratory of Informatics, Robotics, and Microelectronics of Montpellier (LIRMM), University of Montpellier,
³LifeWatch Italy, University of Salento

Announcing: The OntoPortal Alliance

The OntoPortal Virtual Appliance (formerly, BioPortal Virtual Appliance or NCBO Virtual Appliance) has been made available in three forms: a VMware Virtual Appliance OVF (Open Virtualization Format); an Amazon Web Service AMI (Amazon Machine Instance); and (less formally) the GitHub ncbo project.

We have received 44 requests for the Virtual Appliance in the last 30 months, and know of several users of the GitHub software. We plan to release Version 3.0 of the Virtual Appliance in all formats.

We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

A key BioPortal deliverable has been the Virtual Appliance, which any community can deploy to create their own repository of ontologies and vocabularies. Adoption of the Virtual Appliance has increased significantly, with many developers, operators, and end users adopting and improving the code. We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.

Adopting BioPortal’s Ontology Registry Software: The Emerging OntoPortal Community

John Graybeal¹, Clement Jonquet², Nicola Fiore³, Mark A. Musen¹

¹Center for Biomedical Informatics Research (BMIR), Stanford University,
²Laboratory of Informatics, Robotics, and Microelectronics of Montpellier (LIRMM), University of Montpellier,
³LifeWatch Italy, University of Salento

Announcing: The OntoPortal Alliance

The OntoPortal Virtual Appliance (formerly, BioPortal Virtual Appliance or NCBO Virtual Appliance) has been made available in three forms: a VMware Virtual Appliance OVF (Open Virtualization Format); an Amazon Web Service AMI (Amazon Machine Instance); and (less formally) the GitHub ncbo project.

We have received 44 requests for the Virtual Appliance in the last 30 months, and know of several users of the GitHub software. We plan to release Version 3.0 of the Virtual Appliance in all formats.

We now present this software stack as OntoPortal, and release it as the OntoPortal Virtual Appliance.