

# Datasets Published by the IU Pervasive Technology Institute 1999-2019

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## 1. Introduction

What is now the Indiana University Pervasive Technology Institute began in 1999 with a \$30M grant from the Lilly Endowment, Inc. to Indiana University to add funding to what is now called the Luddy School of Informatics, Computing, and Engineering, and to start what was then called the Pervasive Technology Labs. The latter evolved into the IU Pervasive Technology Institute with a second round of funding from the Lilly Endowment, Inc. in 2008.

The IU Pervasive Technology Institute has long been concerned with promoting replicability of research and openness of data. For that reason IU PTI has published a number of particularly important data sets and other digital products online through IU's persistent digital repository, IU Scholarworks. This report lists the data sets and binary images created by the IU Pervasive Technology Institute from its inception on 22 September 1999 to its 20<sup>th</sup> Anniversary on 22 September 2019.

This report considers only data sets and binary digital products stored in IU Scholarworks (scholarworks.iu.edu). Software stored in other repositories (such as sourceforge.net or github.com) are not included in this listing.

There are a total of 177 data sets listed in this report (see Section 2). There are eight additional binary images published by the IU Pervasive Technology Institute via Scholarworks.iu.edu between 1999 and 2019 (see Section 3). All of these latter eight are binaries of Virtual Machine images used on the Jetstream cloud system (Jetstream-cloud.org)

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## 2. Listing of Data Sets Published

**Table 1. Data sets published by the IU Pervasive Technology Institute via Scholarworks.iu.edu between 1999 and 2019.**

Hathi Trust. 2020 (annually updated). Hathi Trust Corpus. Access via <a href="https://analytics.hathitrust.org">https://analytics.hathitrust.org</a>
Welch, V., Sheppard, R., Lingwall, M.J., Stewart, C.A. 2011. Current structure and past history of US cyberinfrastructure (data set and figures). <a href="http://hdl.handle.net/2022/13136">http://hdl.handle.net/2022/13136</a>
Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100522140000Z_run001. <a href="http://hdl.handle.net/2022/15054">http://hdl.handle.net/2022/15054</a>
Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100521150000Z_run001. <a href="http://hdl.handle.net/2022/15051">http://hdl.handle.net/2022/15051</a>
Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100521170000Z_run001. <a href="http://hdl.handle.net/2022/15053">http://hdl.handle.net/2022/15053</a>
Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100503140000Z_run00. <a href="http://hdl.handle.net/2022/14993">http://hdl.handle.net/2022/14993</a>

Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100505150000Z_run001. <a href="http://hdl.handle.net/2022/14998">http://hdl.handle.net/2022/14998</a>
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Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100511150000Z_run001. <a href="http://hdl.handle.net/2022/15017">http://hdl.handle.net/2022/15017</a>
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Plale, B., K. Brewster, C. Mattocks, A. Bhangale, E.C. Ashish, C. Herath, F. Terkhorn, K. Chandrasekar. 2010. Vortex II Forecast Data - forecast_20100517120000Z_run001. <a href="http://hdl.handle.net/2022/15036">http://hdl.handle.net/2022/15036</a>

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### 3. Listing of Binary Images Published

**Table 2. Binary images published by the IU Pervasive Technology Institute via Scholarworks.iu.edu between 1999 and 2019. All of these are binaries of Virtual Machine images used on the Jetstream cloud system (Jetstream-cloud.org)**

Fischer, J. L., and C.A. Stewart. 2016. CentOS 7 Generic Cloud Raw VM Image. <a href="http://hdl.handle.net/2022/20649">http://hdl.handle.net/2022/20649</a>
Fischer, J. L., and C.A. Stewart. 2016. Ubuntu 16.04 LTS Cloud Image (Test). <a href="http://hdl.handle.net/2022/20827">http://hdl.handle.net/2022/20827</a>
Fischer, J. L., and C.A. Stewart. 2016. Ubuntu 14.04 Trusty Tahr TLS Sample Image. <a href="http://hdl.handle.net/2022/20706">http://hdl.handle.net/2022/20706</a>
Fischer, J. L., and C.A. Stewart. 2016. CentOS 6 (6.7) Development. <a href="http://hdl.handle.net/2022/20771">http://hdl.handle.net/2022/20771</a>
Fischer, J. L., and C.A. Stewart. 2016. CentOS 7 (7.2) Development. <a href="http://hdl.handle.net/2022/20772">http://hdl.handle.net/2022/20772</a>
Fischer, J. L., and C.A. Stewart. 2016. Ubuntu 14.04.3 Development GUI. <a href="http://hdl.handle.net/2022/20768">http://hdl.handle.net/2022/20768</a>
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Fischer, J. L., and C.A. Stewart. 2016. Ubuntu 14.04.3 Trusty Tahr. <a href="http://hdl.handle.net/2022/20770">http://hdl.handle.net/2022/20770</a>

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