

Virtual Machines in the Data Lab

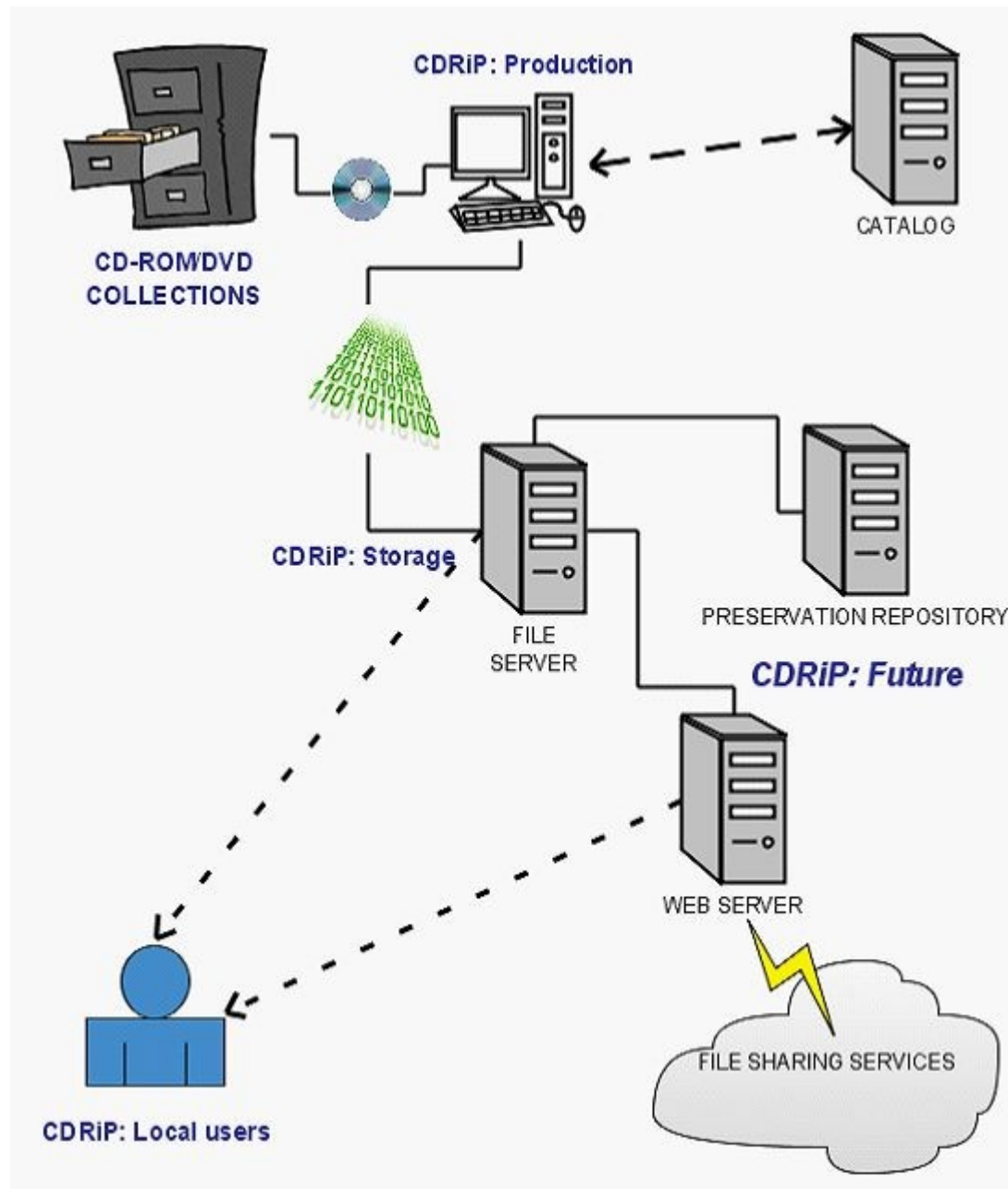
Harrison Dekker

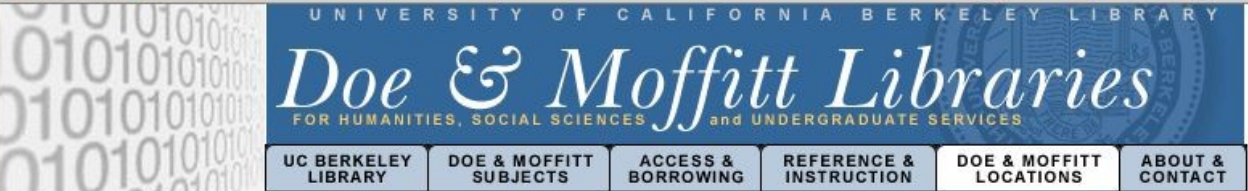
UC Berkeley Libraries

<http://sunsite3.berkeley.edu/wikis/datalab/>

CD-ROM redigitization project (CDRIP)

CD's Rest in Peace





Library Data Lab
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 - Thomson Datastream
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 - National Bureau of Economic Research
 - Data on the Web
 - Data Archives Guide

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- Campus**
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African development indicators

Creator: World Bank.
Creator: World Bank. International Economics Dept.
Publisher: Washington, D.C. : International Bank for Reconstruction and Development / The World Bank,
LCC: HC800.A1 A3562 compu/d
Description: Contains over 240 detailed economic, social, and environmental indicators for 52 African countries.
Description: System requirements: IBM PC or compatible; 512K RAM; DOS version 2.1 or later; hard disk; mouse (optional).
Description: Accompanied by: STARS World Bank data on diskette user's guide.
Identifier: HC800 .E2
Subject: Economic indicators Africa Statistics Periodicals.
Subject: Social indicators Africa Statistics Periodicals.
Subject: Environmental indicators Africa Statistics Periodicals.
Subject: Africa Economic conditions Statistics Periodicals.
Subject: Africa Social conditions Statistics Periodicals.
Subject: Africa Environmental conditions Statistics Periodicals.
Original relation: Also available in a print ed.
Relation: African development indicators (Print)
Relation: African economic and financial data (Diskette)
Pathfinder: link

Data Lab ID: \\LIBRRC\DATA\CD-Archives\ISO\DOE\100938789

File Name	Bytes	Last Modified
2006.iso	211894272	Wed Feb 14 11:57:58 2007

Categories: Africa, CD-ROM, Economic conditions, Economic indicators, Environmental conditions, Environmental indicators, Social conditions, Social indicators

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Q: what is virtual machine software?

A: software that allows a single computer to run multiple operating *environments* at the same time.

Windows XP Professional - VMware Workstation

File Edit View VM Team Windows Help

Home Windows XP Professional



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Windows[®] xp

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bookmarks... 2wiki.txt dekker_insti...

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DataFerrett README.txt 381214611...

leadoutput... Harrison Dekker CV.rtf 7046404.zip

memtesr06... VMware-wo... CDRIP.png

Start VMware... librrc-rh... ERL_CD... CDRIP P... Window... 51% of ... IrfanVi... EN

International MasterInu... monoDM.tar



Shortcut to CensusC...

pm.txt

monoDM.trgl

2:38 PM

advantages of virtual machines

- support legacy operating systems
- provide a safe user “sandbox”
- modularity
- eliminate redundant hardware
- reduce maintenance costs
- protect networked assets

Windows XP Professional - VMware Workstation

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Home Windows XP Professional



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bookmarks... 2wiki.txt dekker_insti...

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monoDM.tar



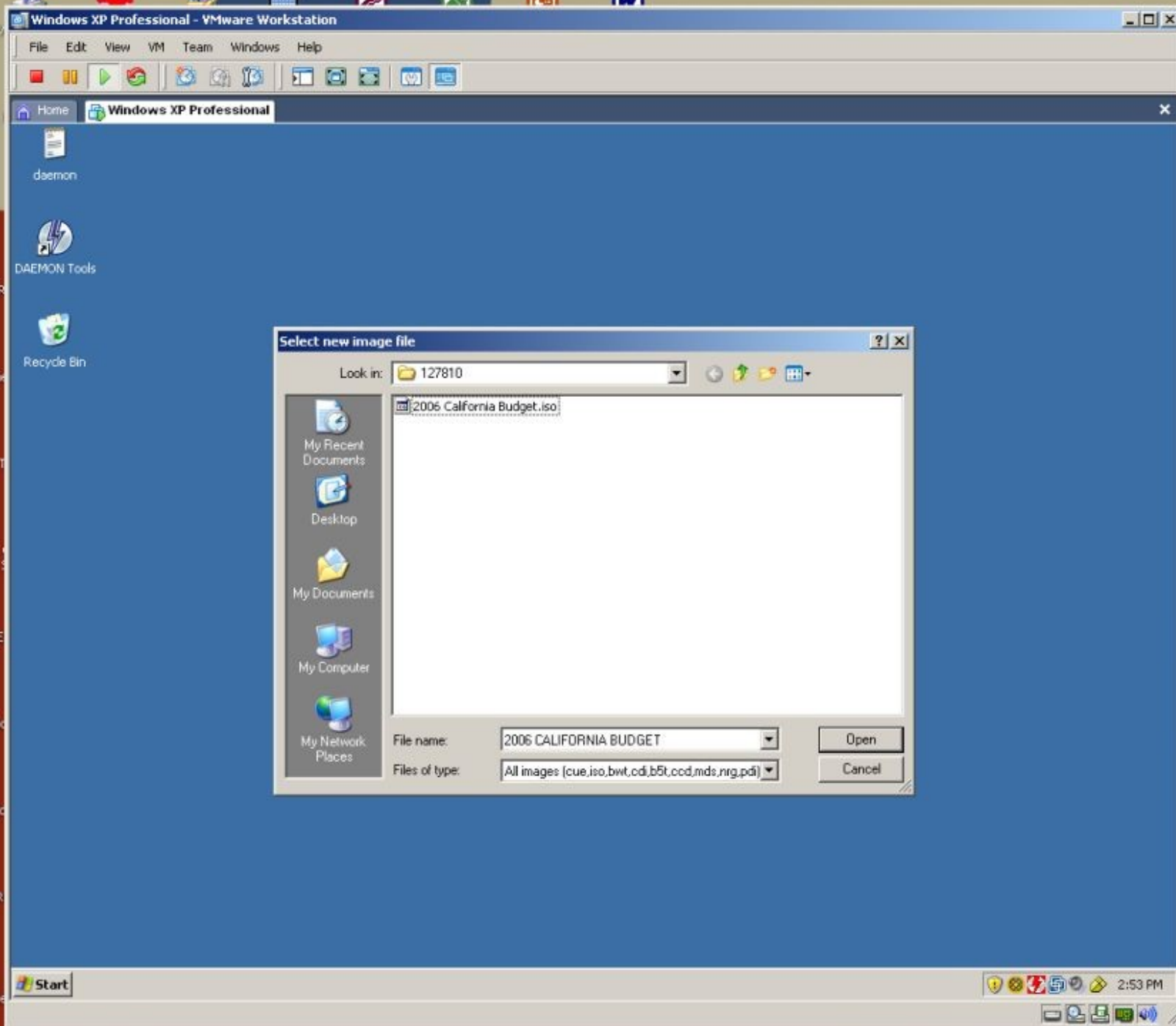
Shortcut to CensusC...

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Start VMware... librrc-rh... ERL_CD... CDRIP P... Window... 51% of ... IrfanVi... EN

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Select new image file

Look in: 127810

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- My Documents
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- My Network Places

2006 California Budget.iso

File name: 2006 CALIFORNIA BUDGET

Files of type: All images (cue,iso,bwt,cd,b5t,ccd,mds,nrg,pdi)

Open Cancel

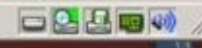
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- VMware-wo...
- CDRIP.png

- monoDM.iter
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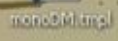


- Desktop
- My Documents
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 - 3 1/2 Floppy (A:)
 - Local Disk (C:)
 - DVD Drive (D:)
 - GB0607 (E:)**
 - fsccommand
 - Data on 'Librrc' (W:)
 - Shared Folders on '.host' (Z:)
 - Control Panel
 - Shared Documents
 - Administrator's Documents
- My Network Places
- Recycle Bin

fsccommand	autorun Setup Information 1 KB
Budget_2006-07 File 1,166 KB	Budget_2006-07 Macromedia Flash Player 6.0 ... Macromedia, Inc.



- Recycle Bin
- My Computer
- My Documents
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- schizo.sav
- Firefox Setup 2.0.0.1.exe
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daemon

Governor's Budget 2006-07



Arnold Schwarzenegger, Governor
State of California



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To view the documents on this CD-ROM — which are provided as PDFs — your computer must have PDF reader software installed, such as Adobe Reader® or Preview® from Apple Computer®.

Please select one:

BUDGET SUMMARY

The Budget Summary includes the Governor's goals and objectives for the forthcoming year and the policy perspectives and highlights of the changes in the Governor's Budget.

GOVERNOR'S BUDGET

The Governor's Budget includes recommendations and estimates of the State's financial operations for the forthcoming year, actual revenues and expenditures for the past year, and updated estimates for the current year for each agency area.

BUDGET HIGHLIGHTS

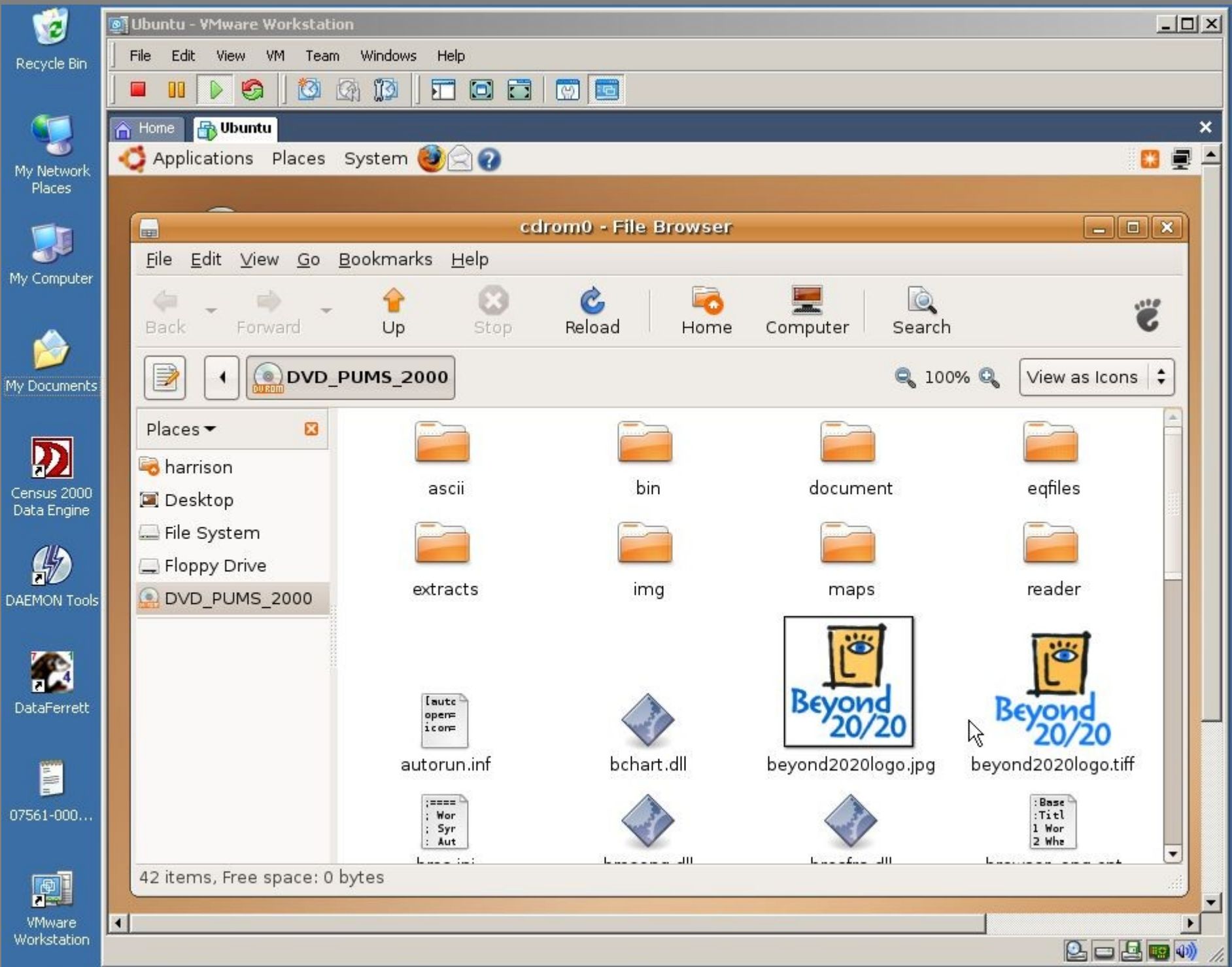
A brief summary of the Governor's Budget.

The 2006-07 Governor's Budget is also available on the Internet at: www.govbud.dof.ca.gov



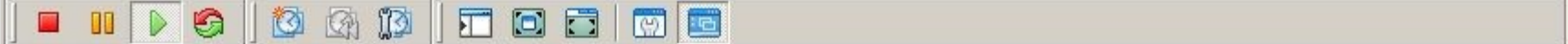
eliminating Windows dependencies...

wine is not an emulator



Ubuntu - VMware Workstation

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Home Ubuntu

Applications Places System

cdrom0 - File Browser

File Edit View Go Bookmarks Help



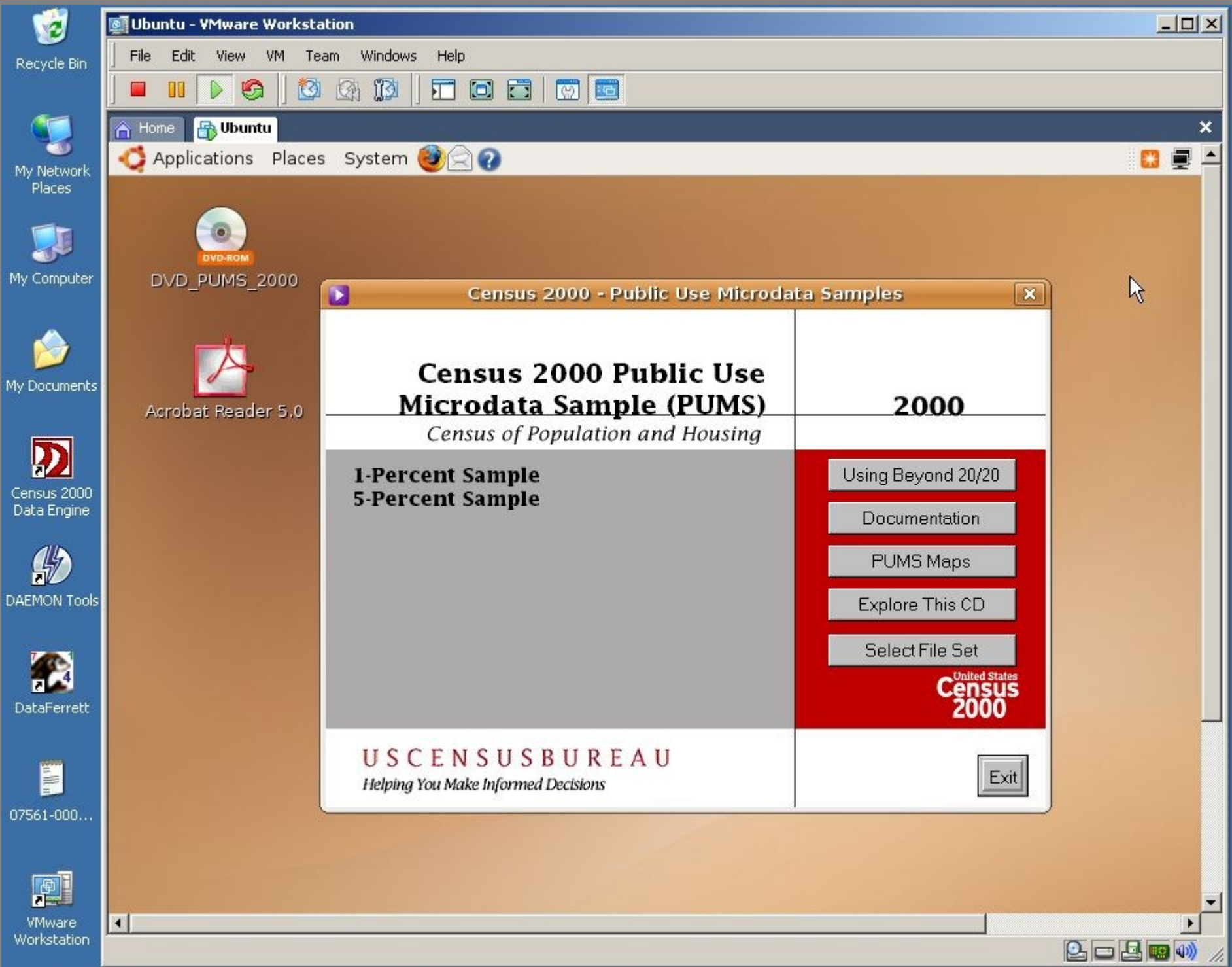
DVD_PUMS_2000 100% View as Icons

Places

- harrison
- Desktop
- File System
- Floppy Drive
- DVD_PUMS_2000

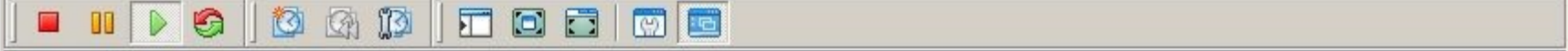
ascii	bin	document	eqfiles
extracts	img	maps	reader
autorun.inf	bchart.dll	beyond2020logo.jpg	beyond2020logo.tiff
base.ini	beyond2020logo.png	beyond2020logo.png	beyond2020logo.png

42 items, Free space: 0 bytes



Ubuntu - VMware Workstation

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Home Ubuntu

Applications Places System

DVD-ROM
DVD_PUMS_2000

Acrobat Reader 5.0

Census 2000 - Public Use Microdata Samples

Census 2000 Public Use Microdata Sample (PUMS)

2000

Census of Population and Housing

1-Percent Sample
5-Percent Sample

Using Beyond 20/20

Documentation

PUMS Maps

Explore This CD

Select File Set

United States
Census 2000

USCENSUSBUREAU
Helping You Make Informed Decisions

Exit

next steps

- expose all cd-rom file directories on the web
- migrate public content to web
- more cd's
- ensure copyright compliance in system
- improve workflows
- collaborate

wine:

<http://www.winehq.com>

VMware Workstation:

<http://www.vmware.com/products/ws/>

Daemon tools:

<http://www.daemon-tools.cc>

Software comparison:

http://en.wikipedia.org/wiki/Comparison_of_virtual_machines