

Indirections

Ooi Wei Tsang

complex systems

SR3

p.o. box

VBox



INTRODUCTION

The Pursuit of Space

You need your own space. We all do. And SingPost understands the need for privacy. That's why we are pleased to bring you a new service that will do just that for you.

After all, the world does not need to know where you are all the time.

Introducing VBox

With VBox, your residential address can NOW be a unique private number. Wherever you are, your mail will be delivered to you.

So, you don't have to tell the whole world where you live - only the people that matters to you. And no matter where you move, your number conveniently remains the same.

VBox Moves with you Locally & Abroad

Your private VBox number is linked to your local residential or overseas residential address. It is so convenient; you don't have to keep updating everyone where you move to.

VBox Makes Privacy and Convenience Affordable

For a VBox number linked to a local residential address, it works out to just \$5 (\$5.35 w/GST) a month:

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taxi booking

Home > Free > Story

July 17, 2008



Need a taxi? Just call 6-DIAL-CAB

ONE telephone number is all you need to remember if you need to call a taxi from next week.

Call 6-3425-222 or tap out the alphabetical prompter 6-DIAL-CAB.

The initiative is part of a transport masterplan announced early this year to make commuting a lot easier.

It arose from feedback from cab customers - especially tourists - who cannot remember the numbers for the half a dozen taxi firms here.

It is, however, not a super dispatch system that can scour Singapore's taxi population of 24,000 to locate an empty one nearest to you.

By using the common number, commuters are channelled to all the taxi firms' call centres, one at a time.

If the first cab operator's call centre does not take your call in 10 seconds, the system diverts you to the second one, and then the third.

If the third call is unsuccessful, you will be asked to try again. If you do, the system will recognise it is your second attempt and connect you to the next three call centres.

Asked if the new common number system would be replaced by a 'smarter' system in future, the Land Transport Authority said no.

'The common taxi booking number system is a permanent facility to make it easier for taxi commuters to book a taxi,' a spokesman said.

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mobile phones

Home > Latest News > Singapore

April 16, 2008



S'pore to start mobile number portability in June

More competition expected between the three service providers.

By Alfred Siew

SOME 5.8 million mobile phone users can expect better deals, as the industry heads for its biggest shakeup in years when the full number portability rings in on June 13.

This will let users switch from one service provider to another without changing his number, making it easier than before. Previously, they had their numbers forwarded, but ended up with two numbers instead.

There are about 130,000 mobile phone users who have ported their numbers under a current call -forwarding solution, but they have to use their old and new mobile numbers concurrently.

Besides convenience, consumers can expect the three telcos - Singapore Telecommunications, StarHub and MobileOne - to fight harder to retain them, by offering cheaper prices or bundled deals. SingTel now has a 41 per cent market share, Starhub has 31 per cent share, while MobileOne takes a 27 per cent slice.

In the end, there may not be that many consumers switching, said the Infocomm Development Authority (IDA) deputy general for telecoms Andrew Haire on Wednesday. But the mere threat of them leaving, he noted, will force telcos to be on the ball.

Already, telcos have tried to lock in customers by tying cellphone services to broadband and pay-TV services. StarHub and SingTel both offer discounts for customers who sign up for more than one service.

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call diversion



Home > Mobile Services > Call Management > Call Divert

Call Divert

Welcome to a Brighter life

Mobile Services

- ▶ Music
- ▶ Entertainment
- ▶ Information
- ▶ MiWorld Mobile
- ▶ Roaming
- ▶ Access Internet
- ▶ Messaging
- ▼ Call Management
 - > Call Barring
 - ▼ Call Divert
 - How to use
 - > Caller No. Display
 - > Caller No. Non Display
 - > Call Waiting / Call Hold
 - > Conference Call
 - > Family & Friends
 - > Keep Your Number
 - > Local Direct Connect
 - > Local Missed Call Alert
 - > Multi SIM
 - > Voicemail
 - > Voicemail Plus



Call Divert

When you are too busy to answer calls, you can divert incoming calls to your Voicemail box or a designated number - a phone or even a fax machine.

There are four types of Call Divert services.

Call Divert Code	Call Divert Type
21	Divert All Calls
67	Divert on Busy
61	Divert on No Reply
62	Divert on Unreachable



Unlimited access to over 10,000 songs!

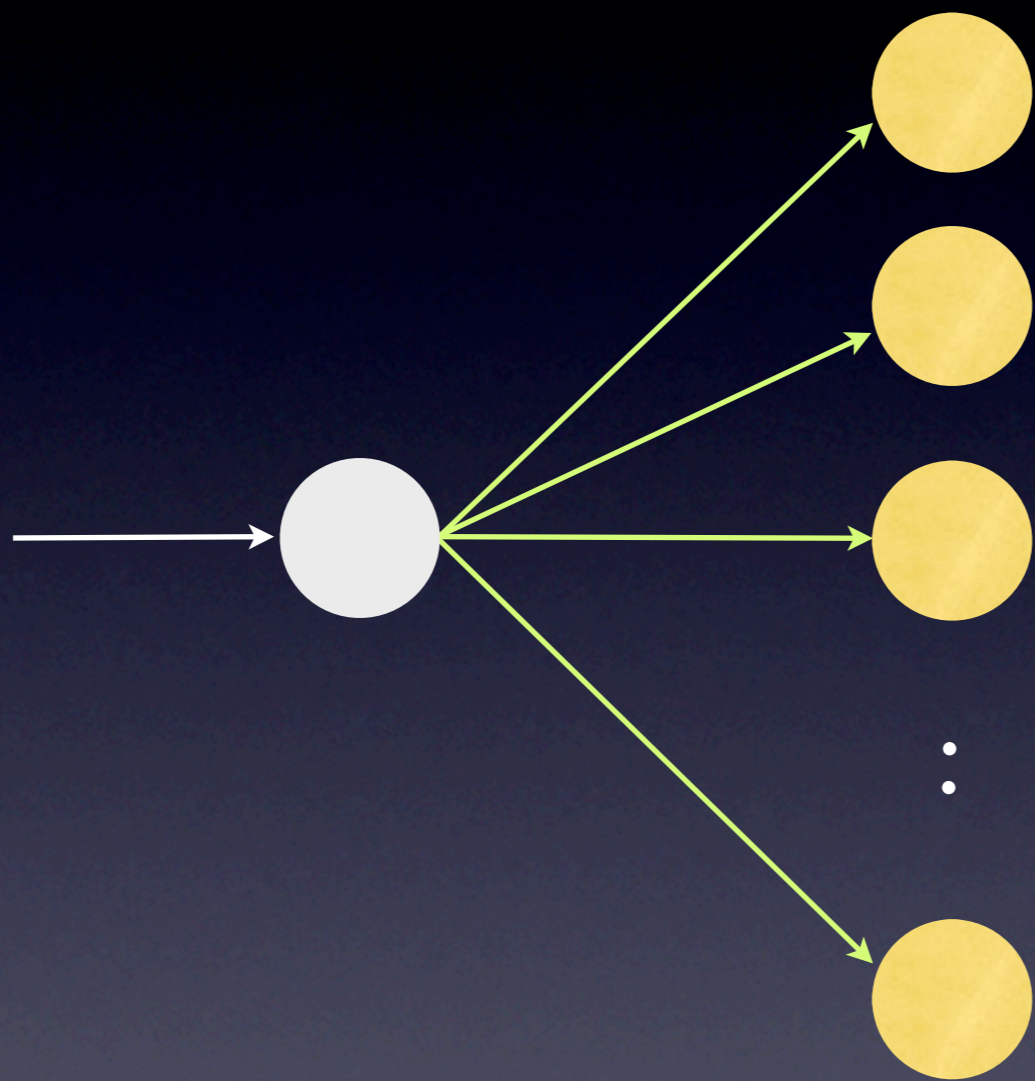
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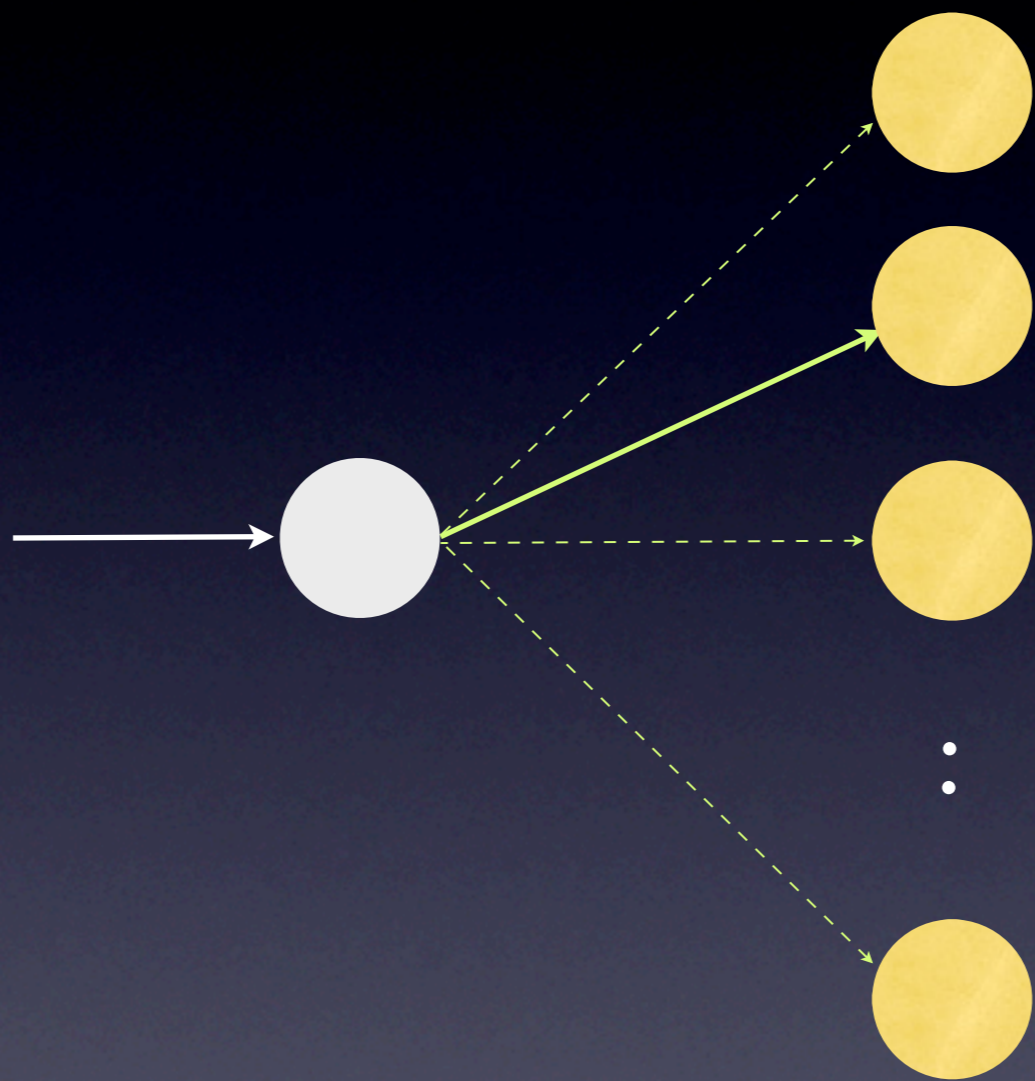
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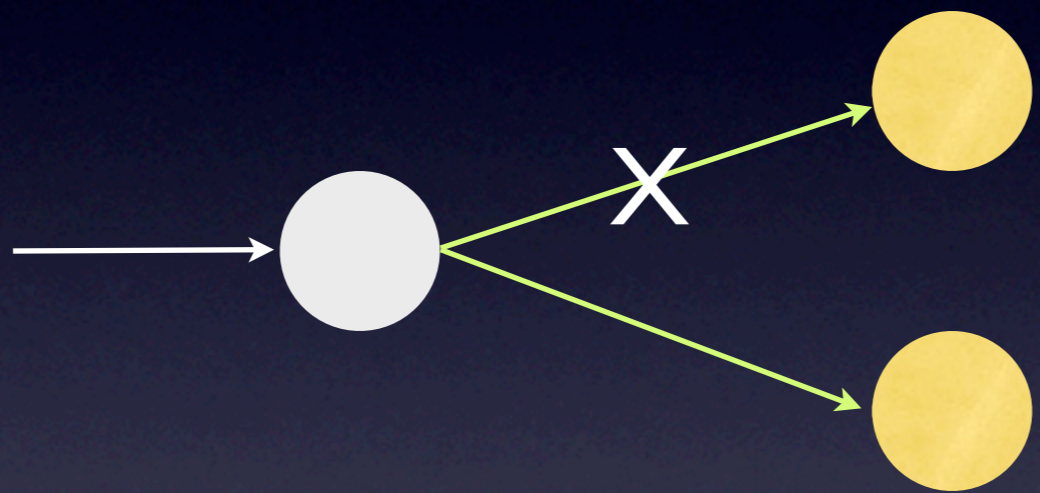
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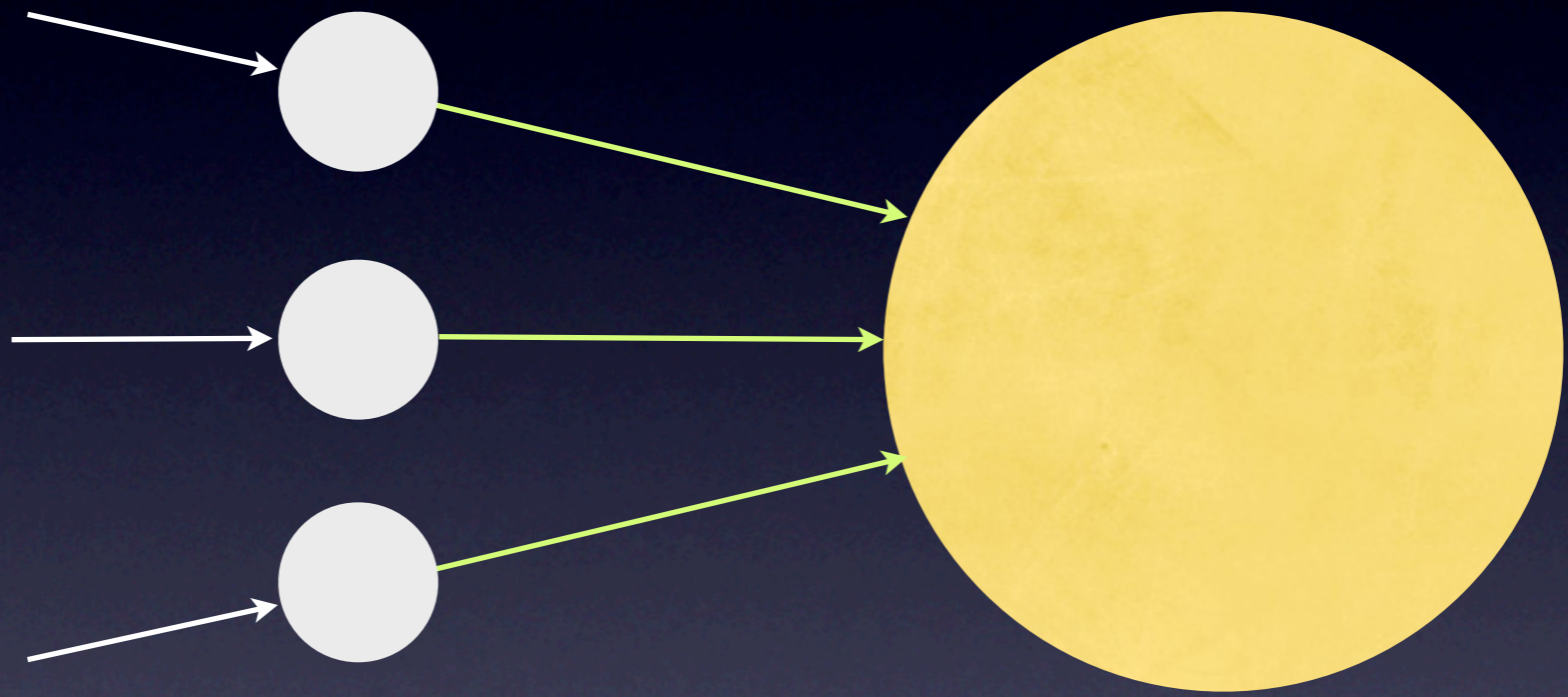
double click

Types of Indirection







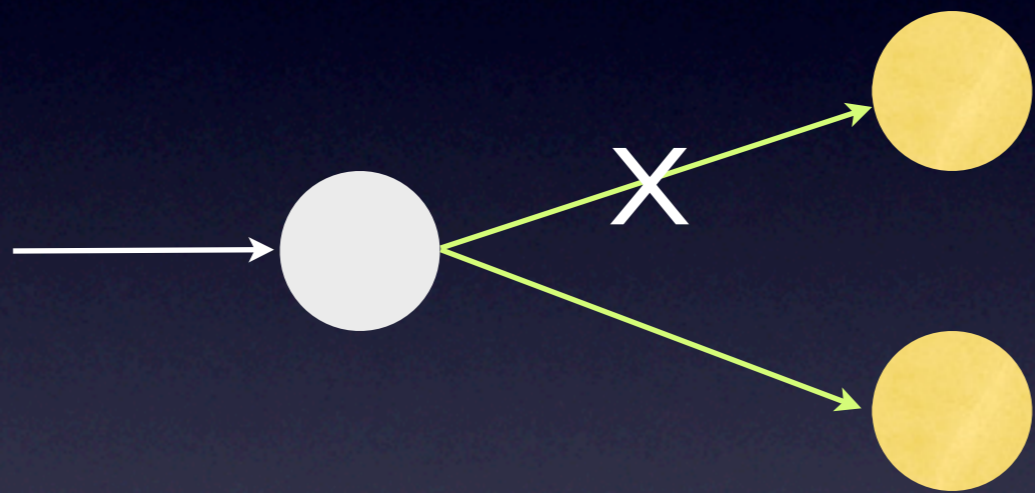


More Indirections

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www.comp.nus.edu.sg

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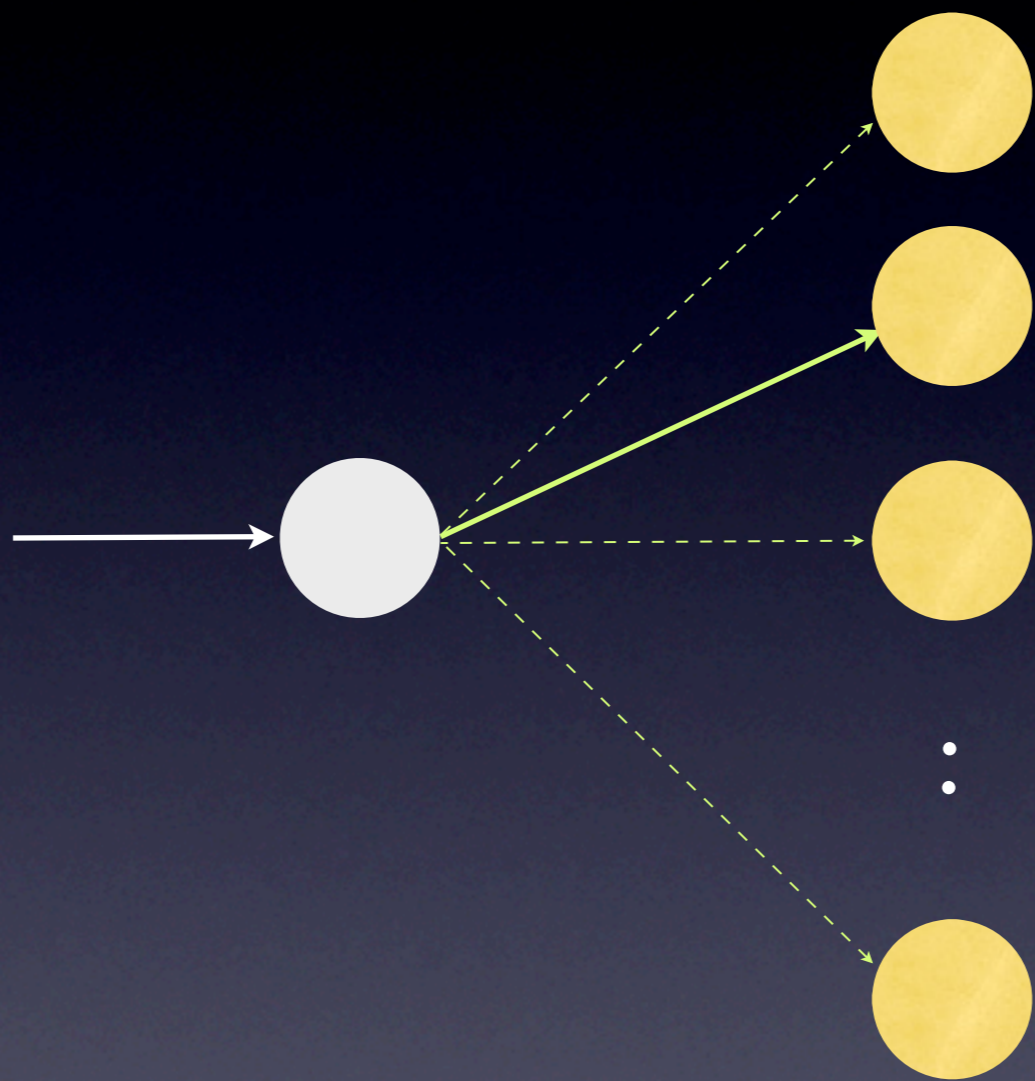


www.google.com

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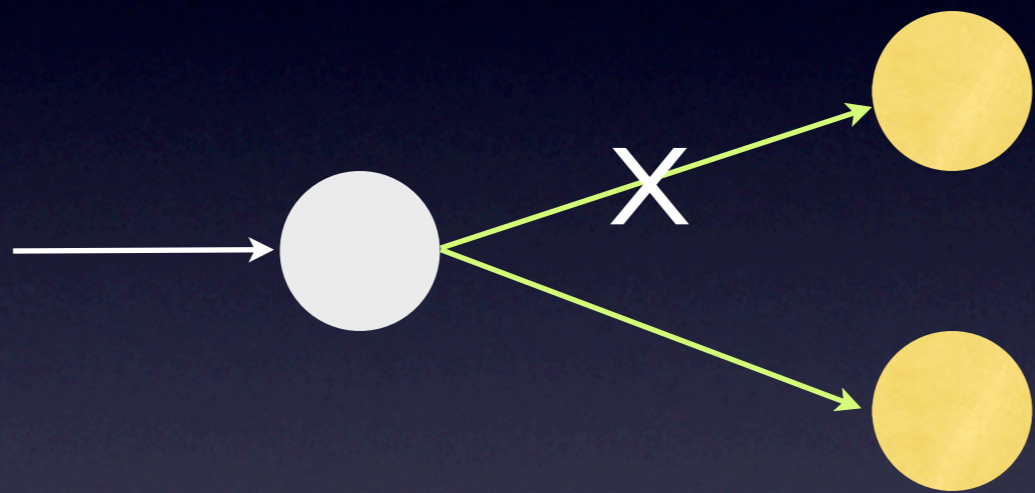
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www.comp.nus.edu.sg

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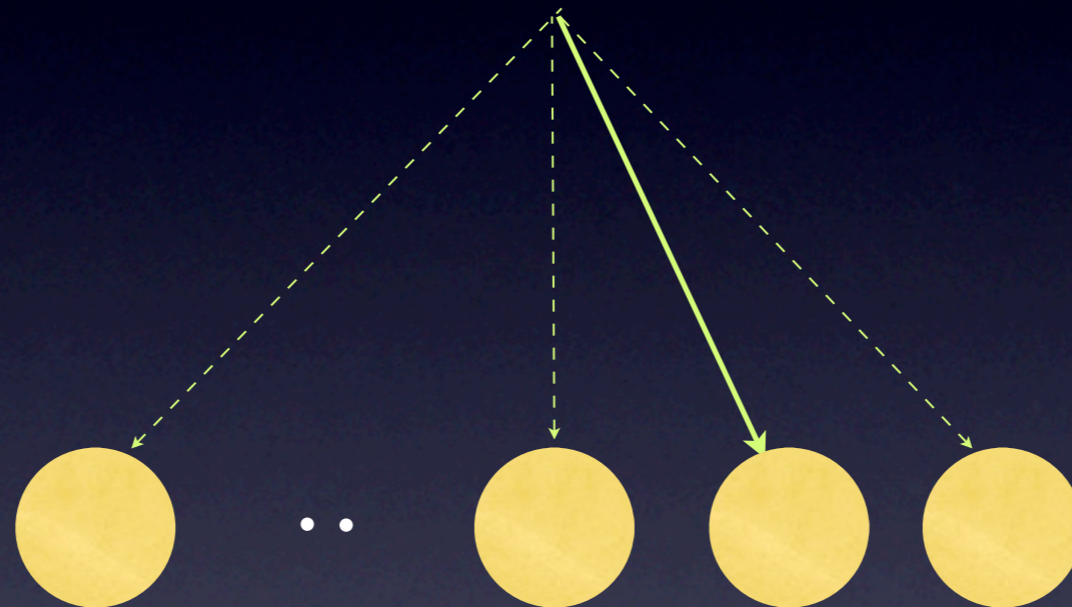
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DNS servers

anycast

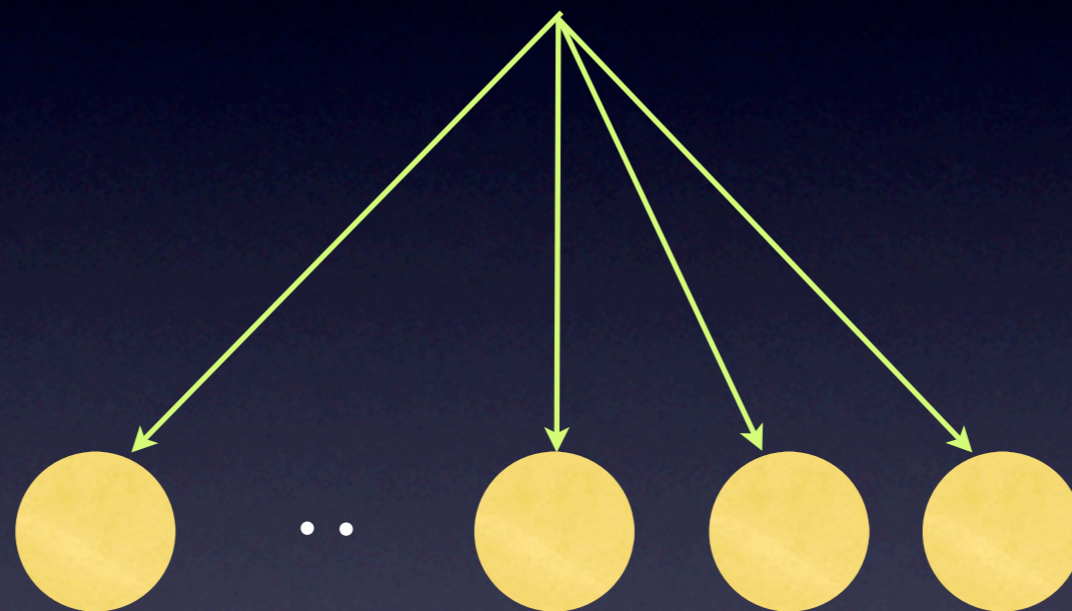
f.root-servers.net



multicast

(webcast, conferencing etc.)

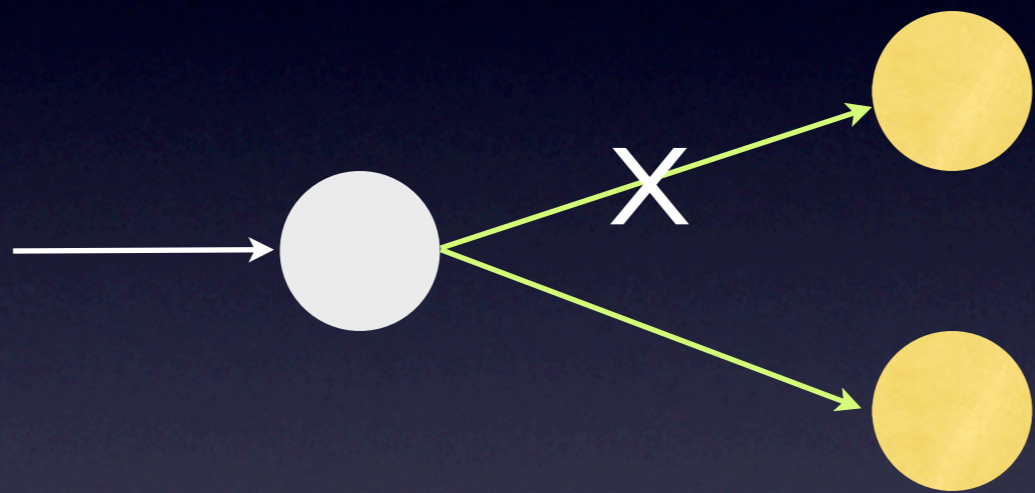
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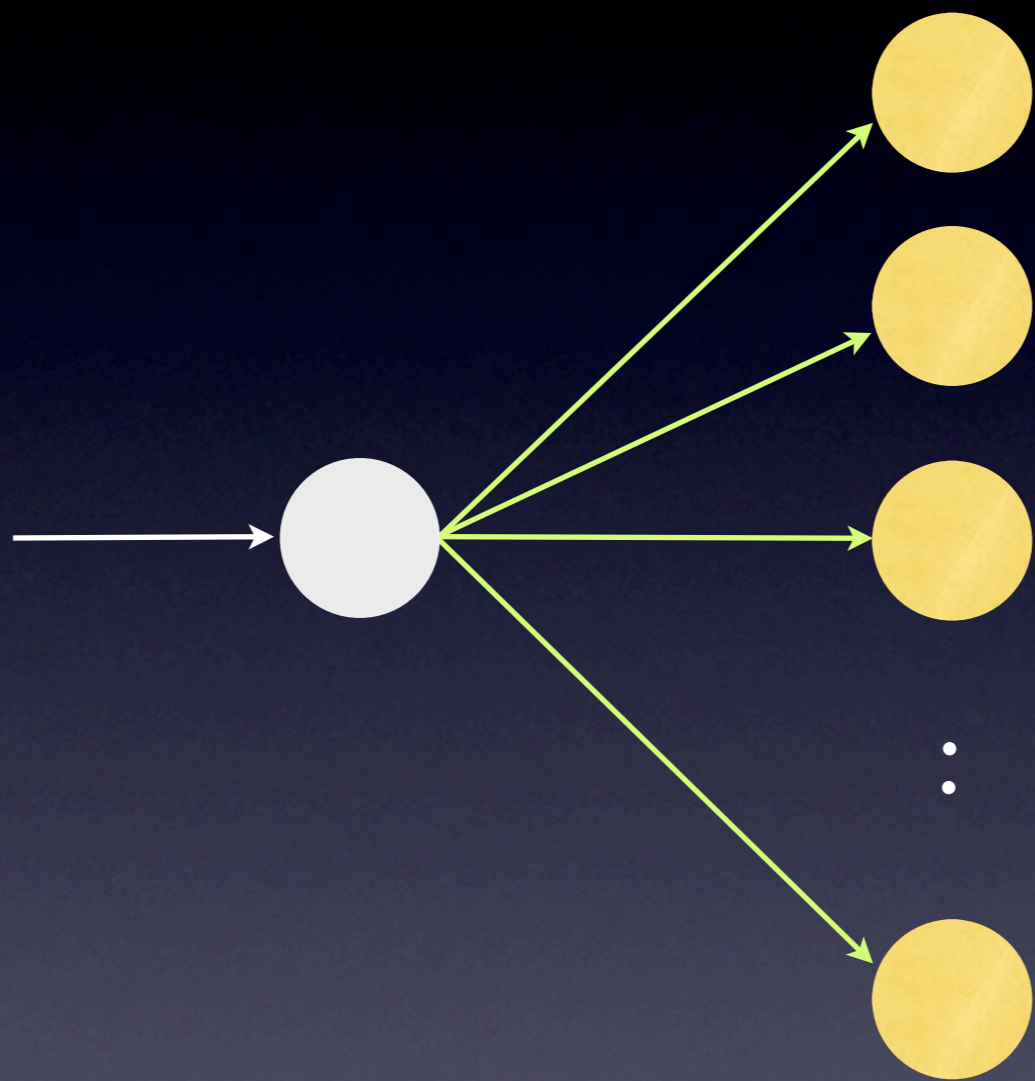
file systems

c:\music\song.mp3

cluster 0x25542 on disk



replicated DB



virtual memory

Virtual Memory [?] [X]

Drive [Volume Label]	Paging File Size (MB)
C:	768 - 1536

Paging file size for selected drive

Drive: C:
Space available: 7988 MB

Custom size:
Initial size (MB):
Maximum size (MB):

System managed size
 No paging file

Total paging file size for all drives

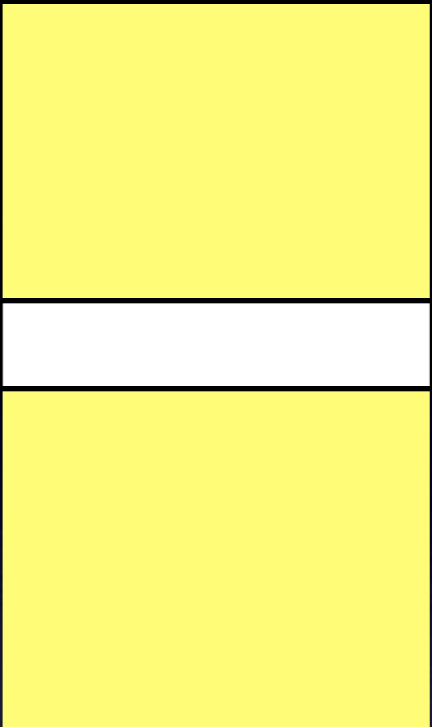
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Recommended: 766 MB
Currently allocated: 768 MB

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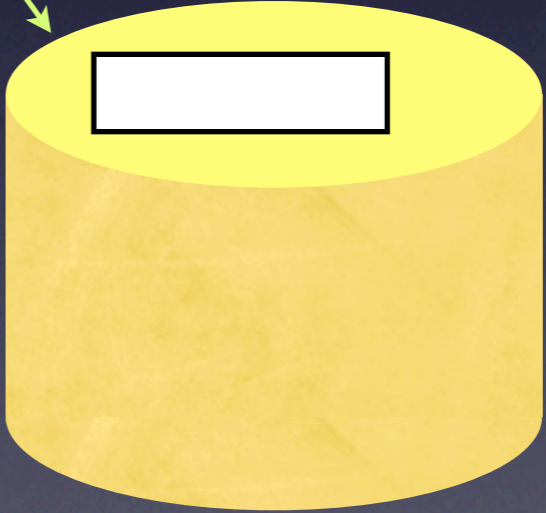
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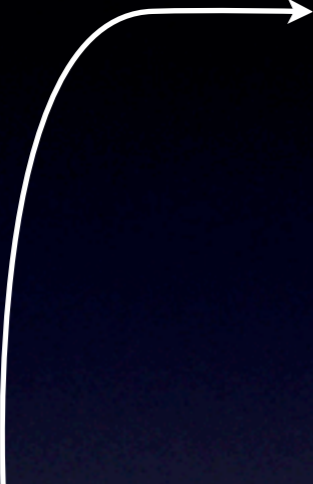
physical memory

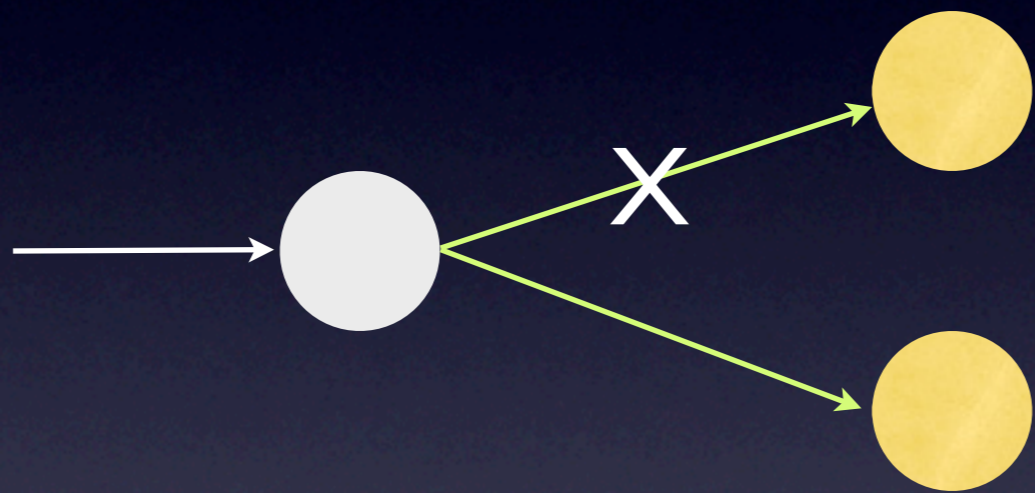


disk

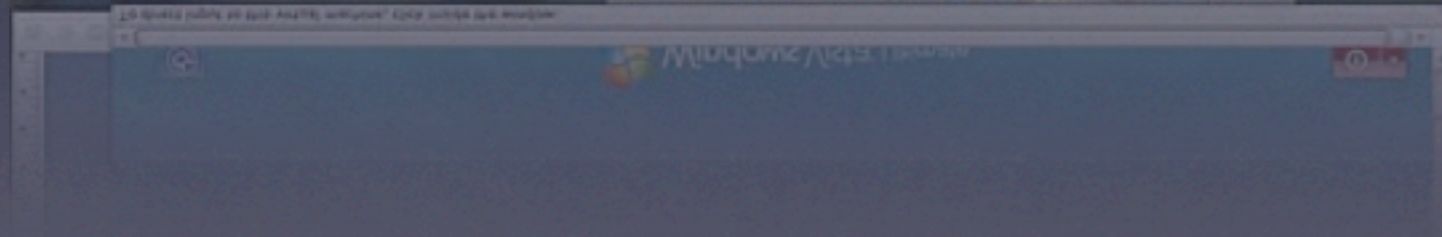
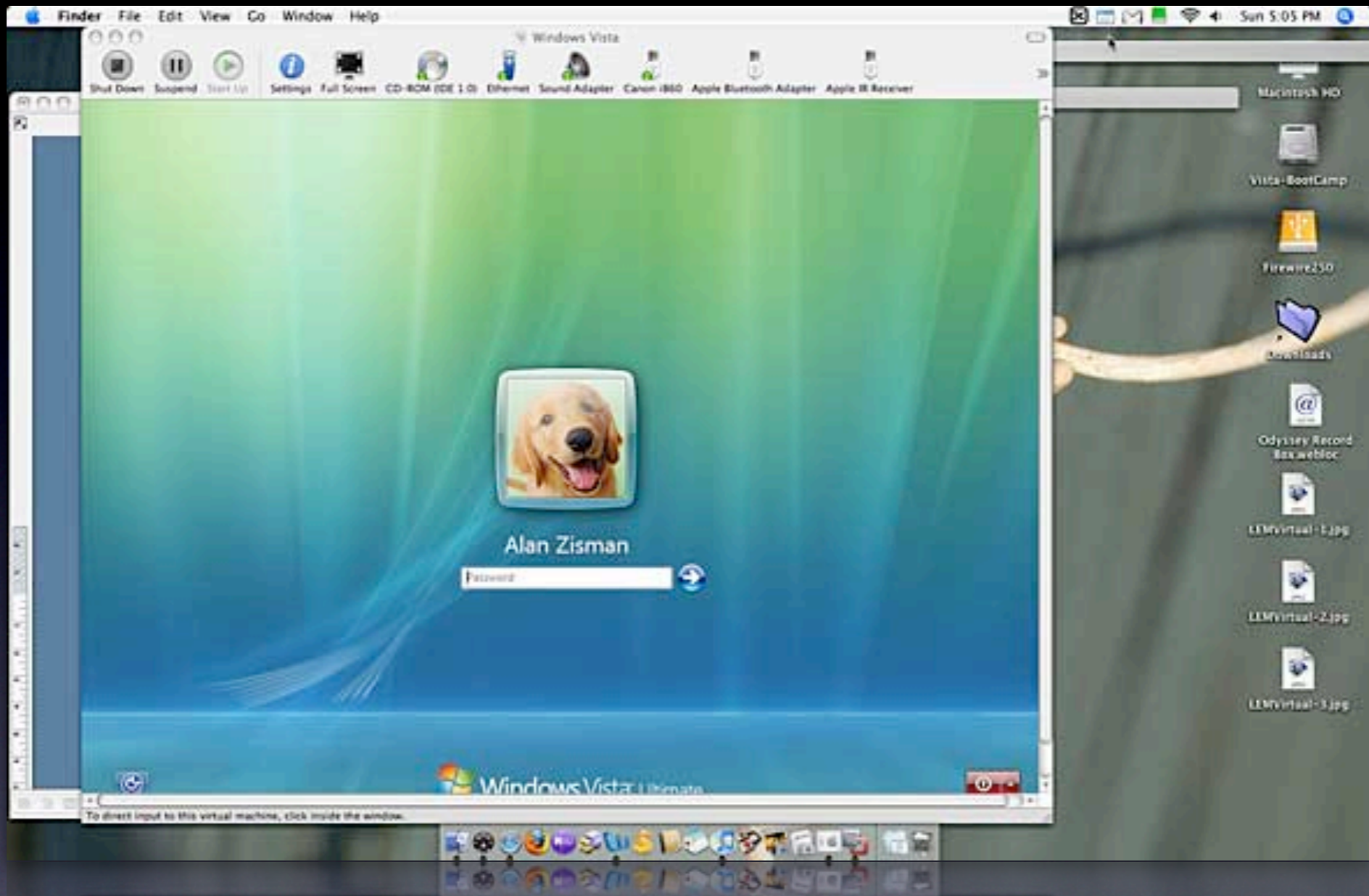


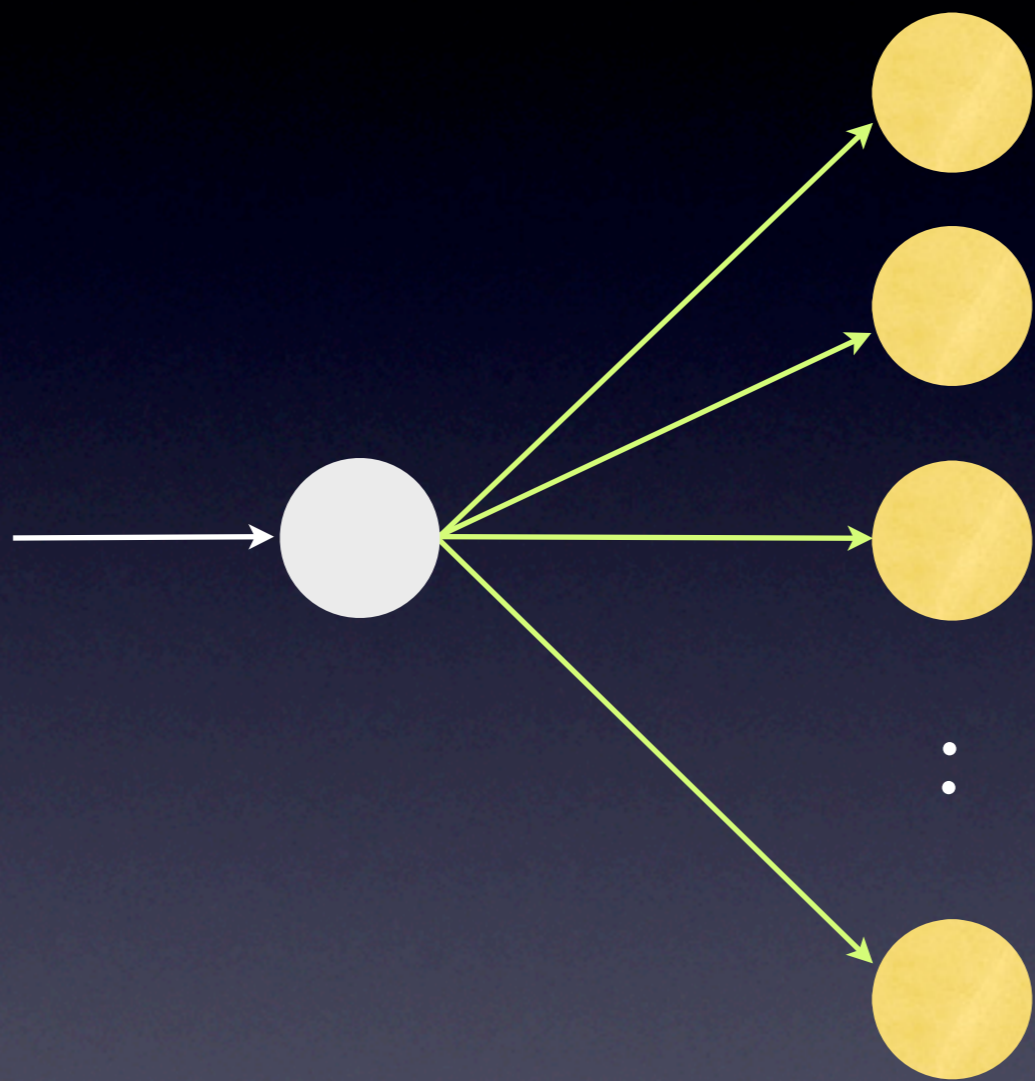
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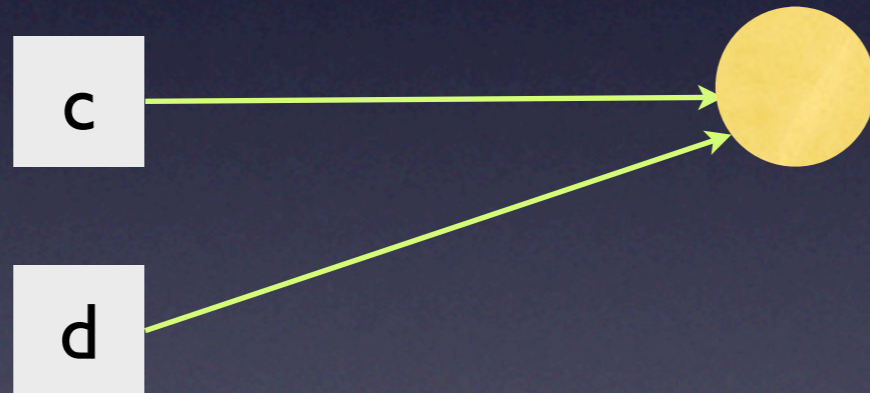
virtual machine



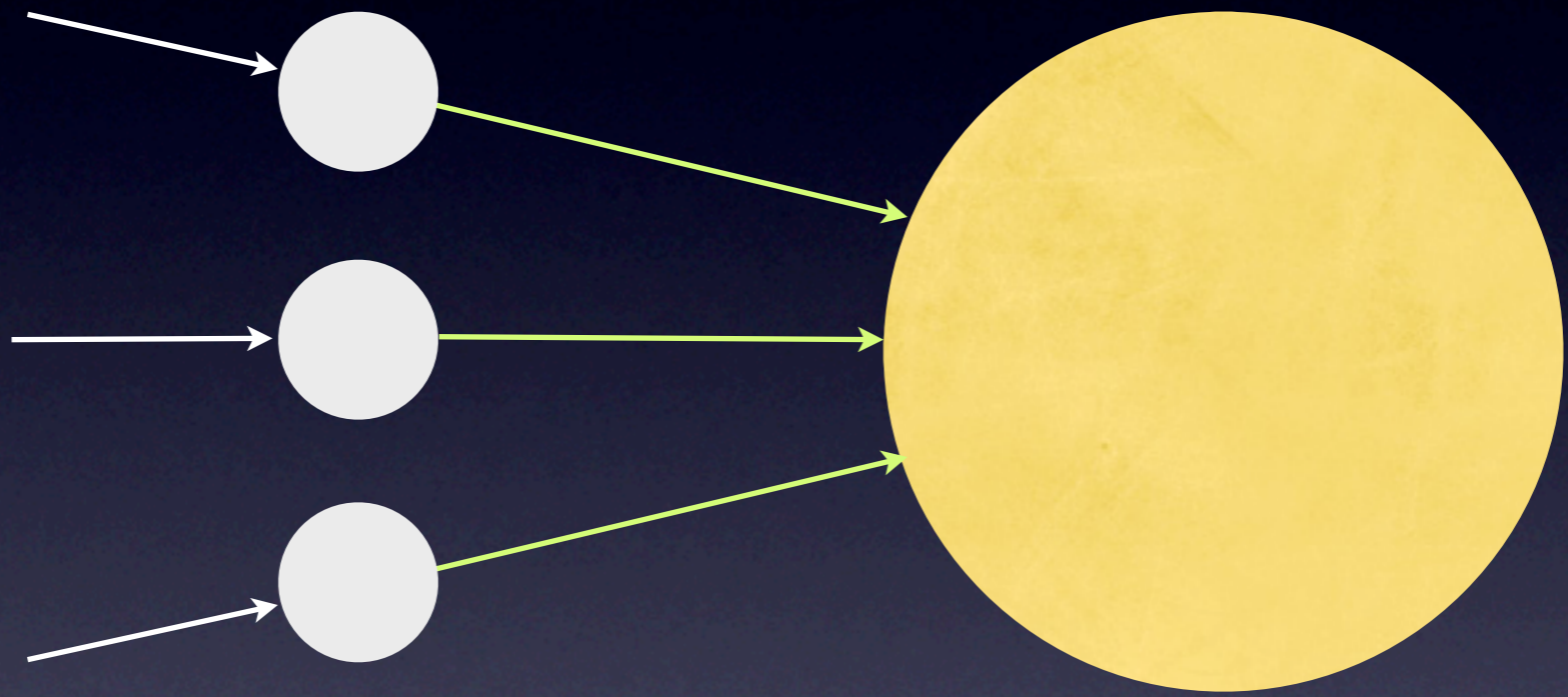


Java references

```
Circle c = new Circle();  
Circle d = c;
```



function calls

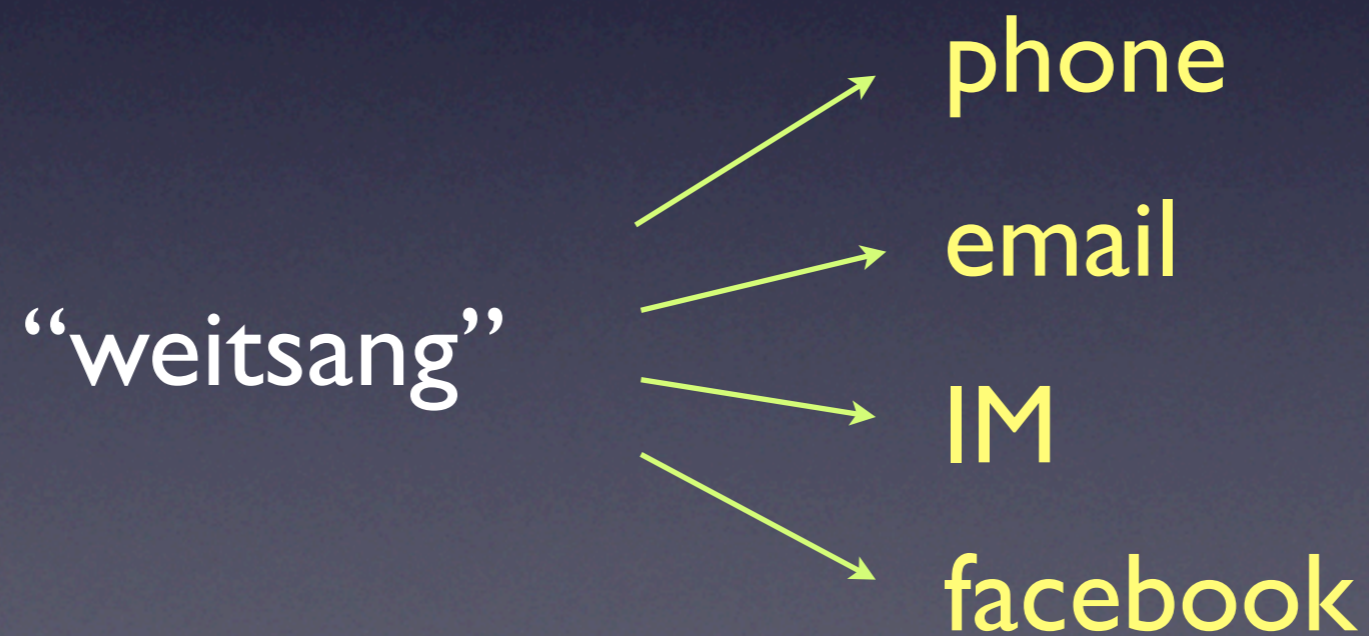


Where else?

change channel to
“CNN”,
instead of “15” ?

single place to order
movie tickets?

unified communication channel?



Any problem in computer science can be solved with another layer of indirection.

-- David Wheeler

Any performance problem can be solved by
removing a level of indirection

-- Mike Haertel

SR3

Discussion Room (DR)

Room	Location	Map/Photo	Floor Plans(COM1 Cluster only)
Discussion Room 1	COM1-B-14B	Click here	Click here
Discussion Room 2	COM1-B-14A	Click here	Click here
Discussion Room 3	COM1-B-07	Click here	Click here
Discussion Room 4	COM1-B-06	Click here	Click here
Discussion Room 5	COM1-01-17	Click here	Click here
Discussion Room 6	S15-06-13	Click here	-
Discussion Room 6A	S14-06-16	Click here	-
Discussion Room 7	COM1-01-22	Click here	Click here

Seminar Room (SR)

Room	Location	Map/Photo	Floor Plans(COM1 Cluster only)
Seminar Room 1	COM1-02-06	Click here	Click here
Seminar Room 2	COM1-02-04	Click here	Click here
Seminar Room 3A	COM1-02-12	Click here	Click here
Seminar Room 3B	COM1-02-13	Click here	Click here
Seminar Room 4	SoC-06-12	Click here	-
Seminar Room 5	COM1-02-01	Click here	Click here
Seminar Room 6	COM1-02-03	Click here	Click here
Seminar Room 7	COM1-02-07	Click here	Click here
Seminar Room 8	COM1-02-08	Click here	Click here
Seminar Room 9	COM1-02-09	Click here	Click here
Seminar Room 10	COM1-02-10	Click here	Click here
Seminar Room 11	COM1-02-11	Click here	Click here

Seminar Room 12

COM1-05-11

[Click here](#)

[Click here](#)