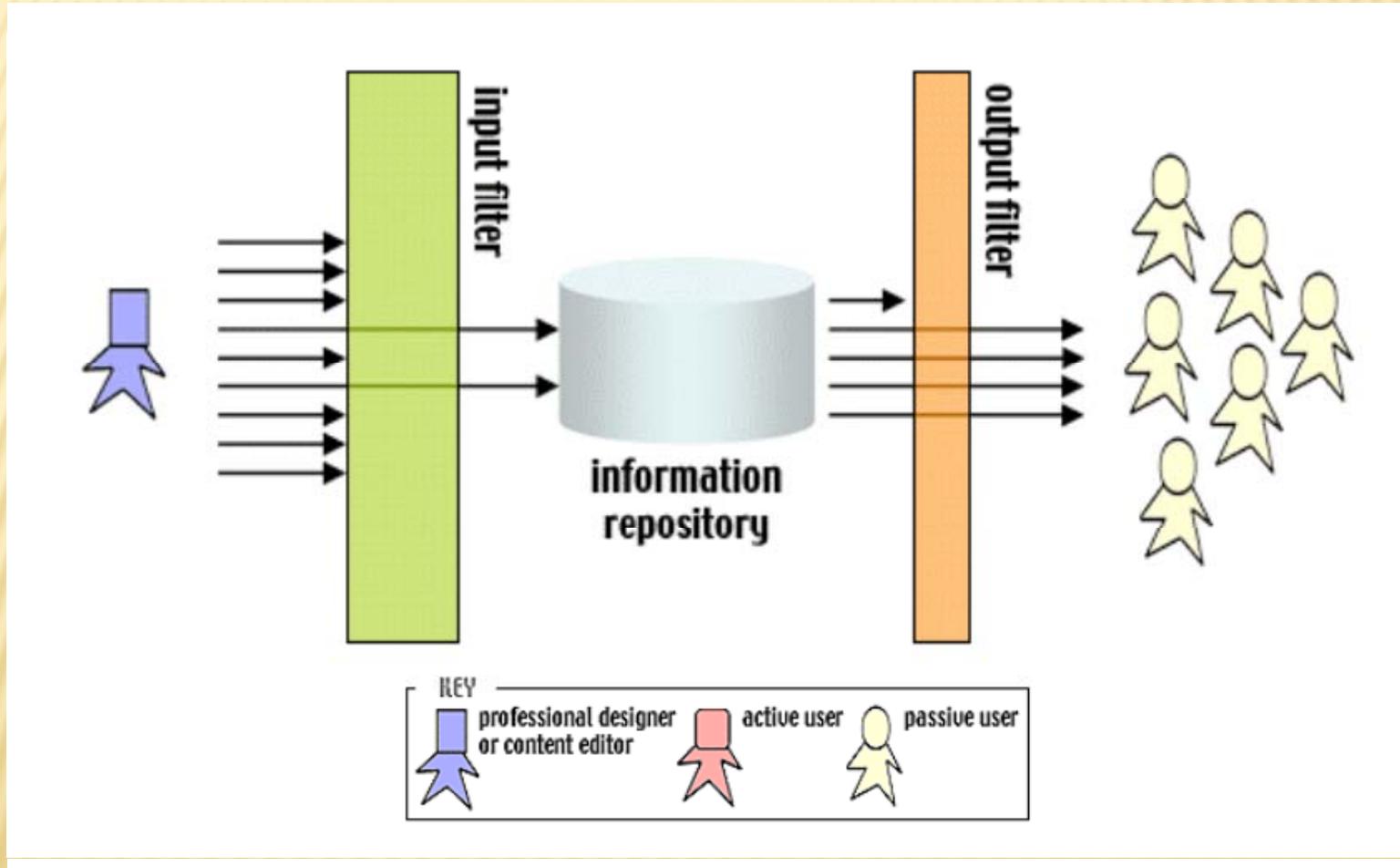


**EXPLORING OUTPUT FILTER MECHANISM TO  
PROVIDE CONVENIENT AND TRUSTWORTHY  
SERVICE FOR GOOGLE 3D WAREHOUSE USERS.**

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Kyuhan Koh

# PROFESSIONALLY DOMINATED CULTURES



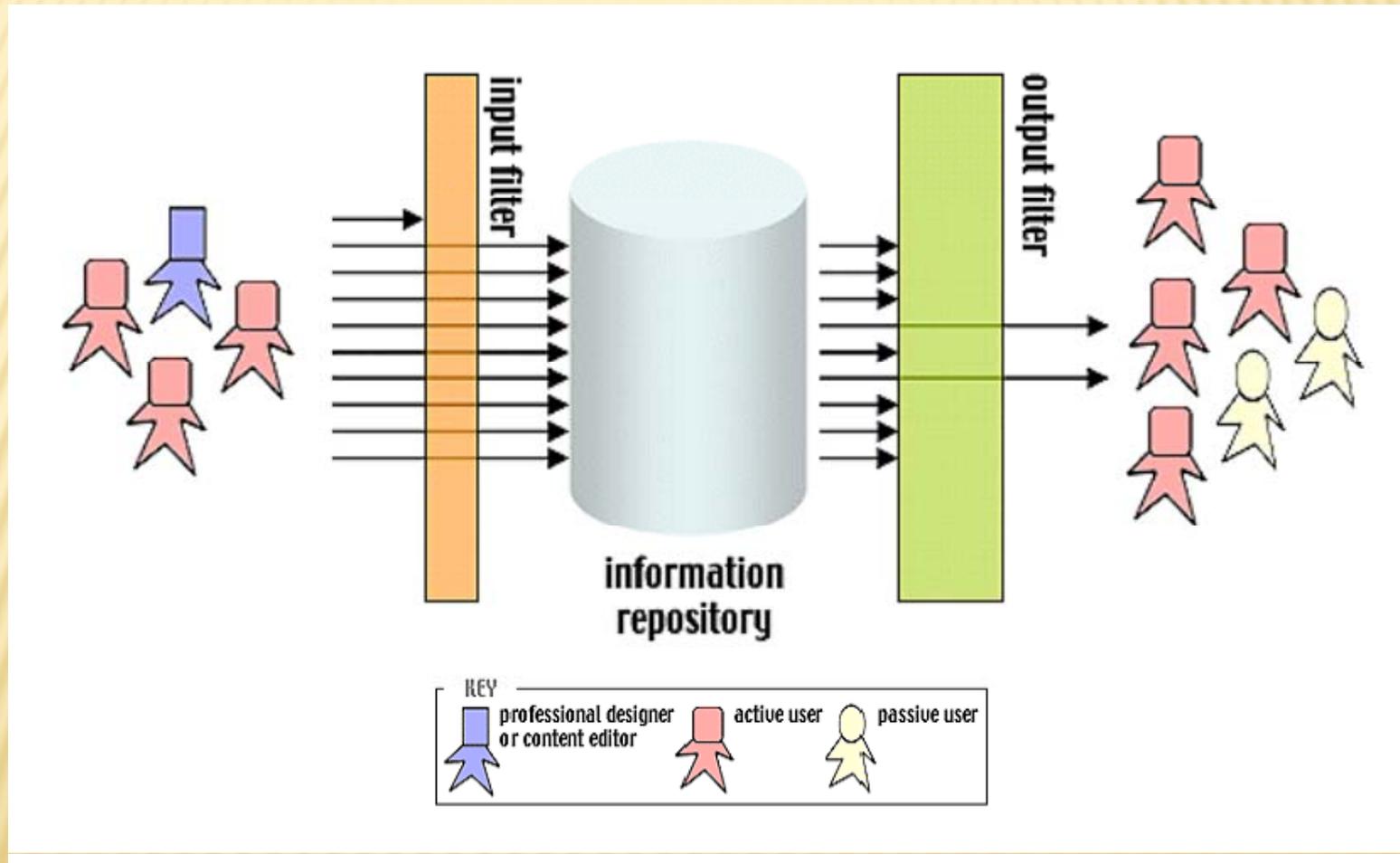
(Fischer, 2007)

# DEMOCRATIZED DESIGN CULTURES

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- ✘ Thanks to Web 2.0 and socio-technical environments
- ✘ New technologies, news, and new information (YouTube, Google Earth, Wikipedia etc)
- ✘ Easier and Faster than the traditional way we used to use
- ✘ Is it always better than the old ways?
- ✘ Due to the characteristics of open design system, it is not easy to build strong output filters as strong input filters in professionally dominated cultures.

# DEMOCRATIZED DESIGN CULTURES



(Fischer, 2007)

# GOOGLE 3D WAREHOUSE

3D Warehouse - Mozilla Firefox

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### 3D Building Collections

 [Featured Google Earth Modelers](#)

 [Help Model a City](#)

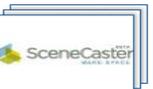
 [Featured Google Earth Collections](#)

 [Cities in Development](#)

### Featured Collections

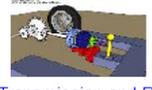
 [2008 International Model Your Campus...](#)

 [Google SketchUp 3d Challenge](#)

 [SceneCaster](#)

 [iClone City Elements](#)

### Popular Models

 [Real Transmission and Real...](#)  
by [3D Legend](#)

 [HSBC Bank Building](#)  
by [Peter Schweitzer](#)

 [Edificio EIFFEL XI](#)  
by [3Done](#)

 [Table](#)  
by [Miquedona21](#)

### Recent Models

 [Star Trek, Starbase 74 Alt](#)  
by [Dunite](#)

 [Civil car](#)  
by [Pedro Esteves](#)

 [Repeating Ray Rifle](#)  
by [Nikku](#)

 [Marquetry donky](#)  
by [john](#)

### Experience your 3D world

Experience your 3D world using Google's interconnected suite of tools.

[Google SketchUp](#)

[Google Earth](#)

[3D Warehouse](#)

### Model for Google Earth

Learn how to build models for Google Earth.

[Video tutorials](#)

[Modeling guide \(PDF\)](#)

[Frequently asked questions](#)

[Acceptance criteria](#)

### Organize your models

Use collections to organize your models.

[Create a collection](#)

[See some examples](#)

### See what's new

**Model your campus**  
The "2008 Google International Model Your Campus Competition" is underway.

**Find a modeling service**  
Locate a professional 3D modeler.

**Explore Google 3D Model Map**  
Watch where 3D models are being built.

**Join the discussion**  
Discuss 3D modeling with others.

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## Google 3D Warehouse

### Upload to 3D Warehouse

#### File Upload

File to upload

Choose a thumbnail. Image must be < 2 MB and smaller than 1200 by 1200.

We support direct upload of 3D Google Earth 4 (.KMZ) files.  
For more details, see the [Help Center](#).

**Title**

**Description**

**Have a website with more info on this model?**  
Paste in your web address (URL) (optional)

**Logo** (optional)  
Choose a logo for your model. Logo must 125 by 125 pixels or smaller.

Paste in the web address (URL) that your logo will link to.

**Tags** (optional)  
Keywords or phrases that describe your item. Separate with commas.

Done

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Models by TKD - Google 3D Warehouse Search - Mozilla Firefox

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3D Warehouse

Search for:  Models  Collections

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 <a href="#">p1</a> <a href="#">[edit]</a> <a href="#">[remove]</a> nothing but junk <a href="#">View in Google Earth</a>	 <a href="#">Cube</a> <a href="#">[edit]</a> <a href="#">[remove]</a> just cube <a href="#">View in Google Earth</a>
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**3D Collections**  
[Create](#) or [contribute](#) to a 3D Collection.

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 **Practice**  
Exercise models for Sketchup...  
Updated Mar 9, 2008  
2 models

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## **TRANSITION FROM 3D WAREHOUSE TO 3D ARCHITECTURE COMPANY**

---

### **3D warehouse**

- organized by user name, tagging, and rating

### **3D architecture company**

- Division - Subdivision - Team
- (Castle - Asian Castle - Japanese Castle)
- collection may be used for this division concept

# 3D ARCHITECTURE COMPANY

---

## Architects

- All end users using Google 3D warehouse or sketchup are already employees
- Every user who visited to Google earth or 3D warehouse

## Hierarchical system of employees from intern to head architect

- Promotion committee
- The rank of each employee will start from intern, and they would be promoted based on credits they received for the designs they uploaded to 3D warehouse.

# 3D ARCHITECTURE COMPANY

---

## Organization

- One employee can belong to several different divisions at the same time. Also, it means that a head architect in landscape division could be an intern in ship design division

## Division concept

- a role of tagging partially to support better organized interface
- tagging will remain for detail search.

## Rating

- rates 3D design and individual end users

# 3D WAREHOUSE PROVIDES

---

In the main page of 3D warehouse

**Four categories;**

3D building collections

Recommended collections/Featured collections

Favorite models/Popular models

Recent models

Once a user selects a model, the user can jump to other models with a tag link, 3D image collection link, or the link of the creator name.

# HOW ABOUT OTHER INTERNET SHOPS

Name	Description
Amazon.com	When a customer selects certain merchandise, its output filter shows <b>other recommended merchandise, related items, and bestsellers</b> in related categories
YouTube	When a user selects a video clip, the user can find the links of <b>related videos, video responses, and other works</b> from the current video clip creator. Also there is a <b>subscribe menu</b> so that users can subscribe videos of a target user
Buy.com	There was nothing much special on Buy.com
Bestbuy.com	There was nothing much special on Bestbuy.com
Circuitcity.com	There was nothing much special on circuitcity.com
Ebay.com	There is a link that presents <b>other items from same seller</b>
Victoria's secret	There is a link called complete the look, which recommends the pair items, and it shows <b>other recommended items</b>

# SUGGESTIONS

---

## **Subscribe menu**

- Once 3D warehouse has a shape as an architecture company, some head architects in certain division would be famous, and there would be some users expecting these architects' new 3D models.

## **Best downloaded items in related categories**

- When a user looks around a model in Asia castle division, it might be useful if there is a tap or box in which users can find the best downloaded models in that category. Users would be informed what models are popular in certain division with this technique.

# SUGGESTIONS

---

## Recommended models

- Recommended models present certain models that were chosen by users who downloaded the target model. Usually, users share their interests, so if user A downloaded model X and Y, user B who downloaded model X might be interested in model Y

## Compensation

- cyber money

When the users upload or download 3D models

May be used for promotion

# UPDATED!! 3D WAREHOUSE PROVIDES

---

## Related Items

Collections containing this model:

Maybe because 3D warehouse is collection based.

Not the notion of related items in other online shopping malls.

It presents in which collections this model belongs to.

Users can jump to another similar items with this, but it is not direct jump; first, users would be led to the collection containing the target model, and they could see other models similar to target model in the given collection.

# UPDATED!! 3D WAREHOUSE PROVIDES

---

More models by...

Models which are uploaded by....

Model complexity

Complexity is based on the number of polygons in the model

Tags

Hedge Bush 01-03- iClone City Elements by Reallusion iClone - Google 3D Warehouse - Mozilla Firefox

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http://sketchup.google.com/3dwarehouse/details?mid=16f91ea010e82f7f4924375dc722fed

ITS Labs Report a Problem Webfiles Webcal Webmail CUConnect CU University Libraries Chinook Library Catalog

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**Google** 3D Warehouse

Search for:  Models  Collections

---

[iClone City Elements](#) > [Hedge Bush 01-03- iClone City Elements](#)

**Hedge Bush 01-03- iClone City Elements** by [Reallusion iClone](#) Uploaded on January 14, 2008



**REALLUSION**  
**iClone**  
3D Models for  
Filmmaking

☆☆☆☆☆ [See ratings and reviews](#)  
1 rating [Rate this model](#)

Make movies with your models! iClone City Elements gives you high-quality textured models for accenting Google scenes. Now transform Google models into filmmaking assets with Reallusion iClone and 3DXchange. Create movies with Google models using Reallusion iClone and the iClone character generator to make movies with iClone characters that interact with Google SketchUp & 3D Warehouse buildings, vehicles or city streets. Click the link to download iClone and learn about converting Google models into movies with iClone 3DXchange.

<http://www.reallusion.com/clone/3dx.asp>

[Report a policy violation](#)

**Related Items**

Collections containing this model:



[iClone City Elements](#)

More models by [Reallusion iClone](#):



[Stone Wall 04-02 - iClone City Elements](#)

**Tags**

[fence](#), [landscape](#), [park](#), [yard](#), [lawn](#), [flower](#), [hedge](#), [gate](#), [house](#), [building](#), [city](#), [element](#), [iClone](#), [reallusion](#), [machinima](#), [3d](#), [film](#), [stage](#), [model](#), [movie](#), [prop](#), [scene](#), [country](#), [residential](#), [residence](#), [field](#), [suburb](#), [suburban](#), [neighborhood](#), [community](#), [family](#)

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http://sketchup.google.com/3dwarehouse/search?uq=10243784495214113323

# UPDATED!! AGAIN

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Other models you might like

-still based on collection

# GOOGLE 3D WAREHOUSE

\*COMPLETE FLAT\*--DOWNLOAD&RATE!!! by \_BARIVE\_ - Google 3D Warehouse - Mozilla Firefox

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\*COMPLETE FLAT\*--DOWNLOAD&RATE!!! by [\\_BARIVE\\_](#)

Uploaded on November 26, 2007



Download Model

★☆☆☆☆ See ratings and reviews  
1 rating Rate this model

CLICK ON TABS TO GET THE BEST VIEWS!

Contact Link Include Report a policy violation

Tell us what you think about this model details page [New!](#)

Collections containing this model

- Perfect 3D Model
- MY MODELS--BARIVE

Related items

More models by [\\_BARIVE\\_](#):

Flat

Other models you might like:

Flat

Tags

[small](#), [flat](#), [apartment](#), [house](#), [living](#), [room](#), [bathroom](#), [kitchen](#), [plasma tv](#), [iMac](#), [wine](#), [mirror](#), [render](#), [sofa](#), [bed](#), [computer](#), [wc](#), [toilette](#), [lakás](#), [nappali](#), [hálószoba](#), [fürdőszoba](#), [gardrób](#), [garderobe](#), [plasma](#), [tv](#), [lcd](#), [tv](#), [video](#), [player](#), [kitchen](#), [appliances](#), [cnnl](#), [big](#), [plane](#), [section plane](#), [huge](#), [fantastic](#), [pc](#), [download](#), [rate](#), [enjoy](#)

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Done

# DIFFICULTIES I FACED

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Who think faster

- I'm working on it, also they are working on it

Popularity

- only small number of people rate the 3D design model

# QUESTIONS?

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