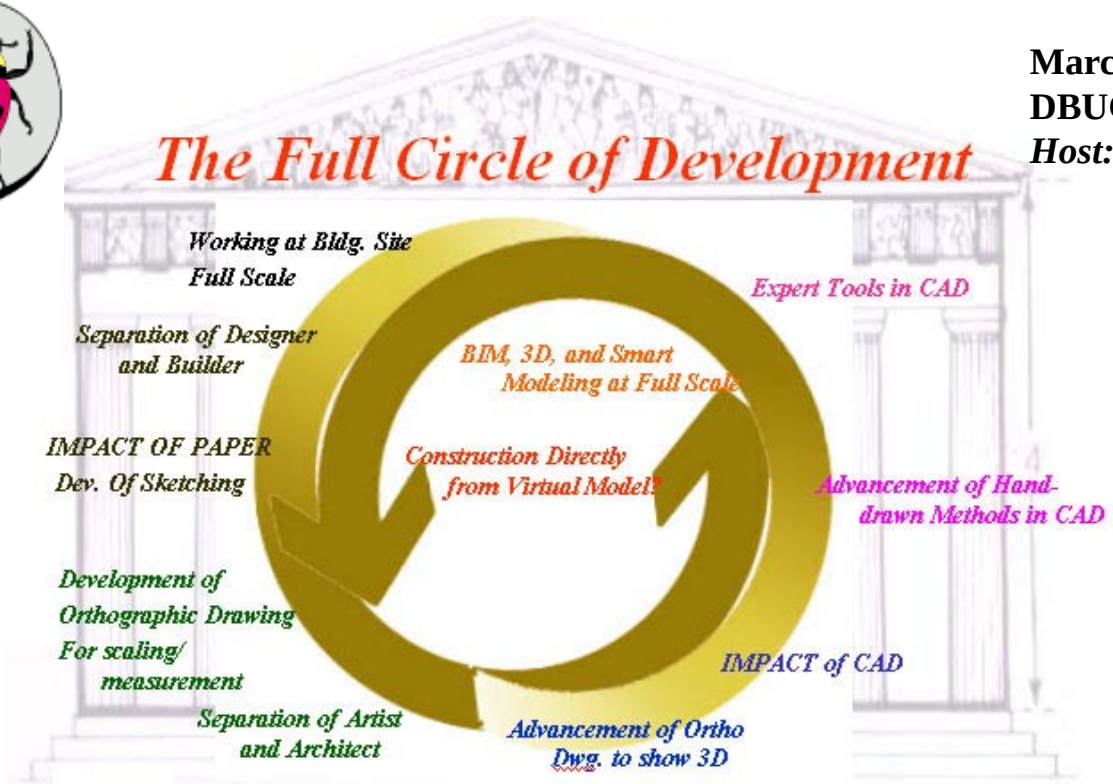
March 26, 2008
DBUG at the BSA
Host: *Shu Associates*



History and Development of Architectural Drawing: *Elevations*

Source: ***Origins, Imitation, Conventions, Representations in the Visual Arts*** *by James S. Ackerman*

- *Vitruvius* three types of architectural drawings:

a) the plan (*ichnographia*); b) elevation (*orthographic*), and; c) perspective (s*caenographia*).

Key Factors in Development of Architectural Drawings:

- At first, work *in situ*, draw/staked in ground or on building material itself;
- Growing split between builder and designer;
- Growing departure from traditional building to innovative building, ... *AND*

. . . The development of paper in the 14th Century!

Previous mediums: chiseled in *stone*, *papyrus* (2450 BC -- too valuable for "temporary uses")
parchment (tanned animal skins) (reusable)

- ***Distinction made between artist and architect*** in 1450 by Leon Battista Alberti
  he argued against use of perspective — ***because it could not be accurately measured!***
- ***Growing use of drawing not only to record*** *but to* ***construct new****.*

Development of Elevations

pre-Renaissance architects,
such as *Villard de Honnecourt* (ca 1230), show loose orthographic/3D combination.
Strict orthographic views in line drawing
Added implied 3D effect *(S.C. Bugbee 1885)*

Impact of CAD

Ease of Underlay method via
Layers,copying/rotating,Symbols/XREFs
Elements ready as symbols (Win, Doors, etc.)
Expert Tools: *e.g. EZ Tools* (2D) by Oran Woody, 3D Smart Elements
Direction is toward Working directly in 3D model

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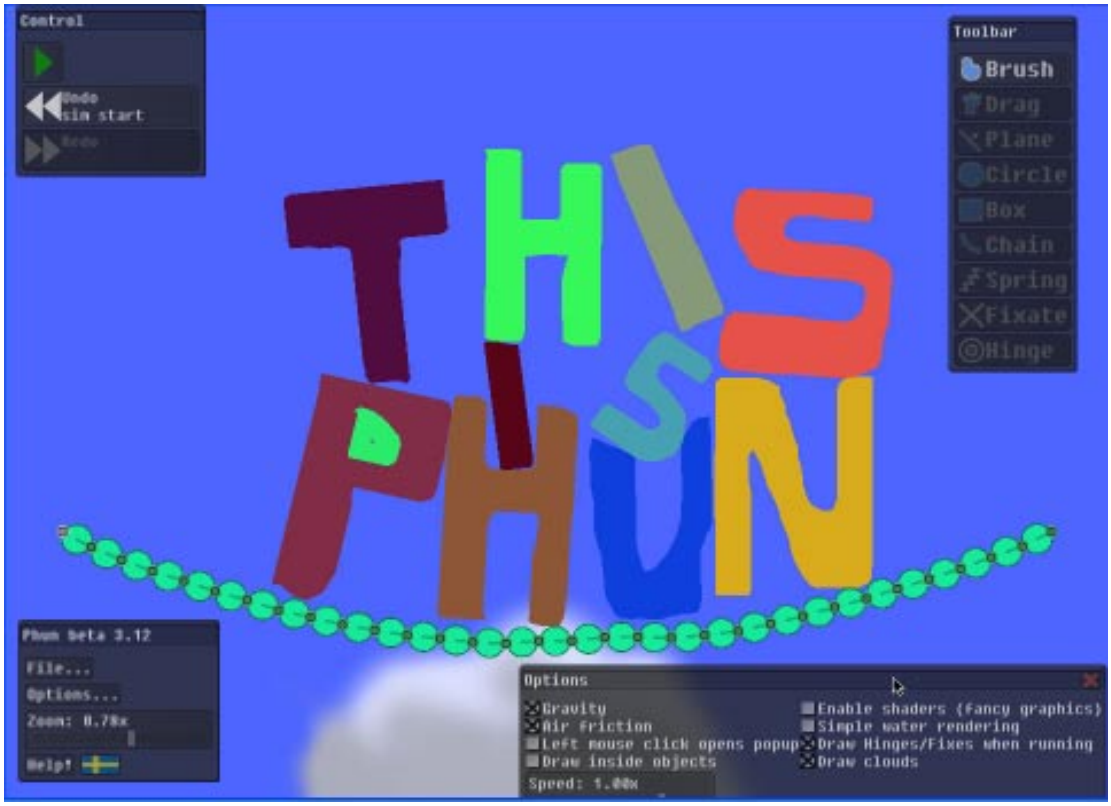

Download Game at http://www.phun.at

Phun is a playground for the creative mind where toys can be easily created.
Phun was created as a MSc project by *Emil Ernerfeldt* for supervisor Kenneth Bodin, HPC2N/ VRlab, *Umeå University, Sweden.*

Phun is an educational, entertaining and somewhat (!) addictive piece of software for designing and exploring 2D multi-physics simulations in a cartoony fashion. It is part of our long term mission to bring visual physics based simulation to the masses. The application is developed for Umevatoriet, Umeås new science center, where it will run on a large interactive display.

Tips:

* Use Play/Stop button to suspend or start gravity/physics
* Use Create Plane to establish fixed boundaries (i.e. ground);
* Use tools like spring/chain/hinge for interesting effects;
* Right-click on any object to change properties (e.g. change into water);
* To see what is possible watch the YouTube video “This is Fun” (google search youtube phun)
http://www.youtube.com/watch?v=0H5g9VS0ENM
Just PLAY!!!!

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<u>LAUNCHcast Music/Radio Service</u>
Personalized music stream based on music that you rate to customize your stream
(compare to sites like *Live365, Rhapsody, eMusic, MusicMatch, iTunes Music Store)*

* **Need Yahoo id account** (free)
* **http://yahoo.com** (follow RADIO links, Customize my station)
http://music.yahoo.com/launchcast

* The *LAUNCHcast player* relies on *Windows Media Player, Macromedia Flash,* and *Internet Explorer* to work (Firefox and Netscape won't work).

* Available in free and fee-based versions

RATE / BAN / <u>SKIP!!!</u> (Best Feature!)

Free Version: 3000 songs with periodic "ad" nudges to upgrade and reminders to rate.

LAUNCHcast also provides about 120 pre-programmed stations, sliced by genre, theme, and era. Listening to the stations of other listeners lets you try their favorite music.

LAUNCHcast Plus *(not same as Music Unlimited $5.99 allows save/record/rewind)*
$3.99 per month OR $2.99 per month, if paid yearly
Ad-free listening
Unlimited use of your personal station
Higher quality music streams and unlimited skipping