

PILLARS 2015

Ryan Stangl

The Beginning

How to choose architectural software?

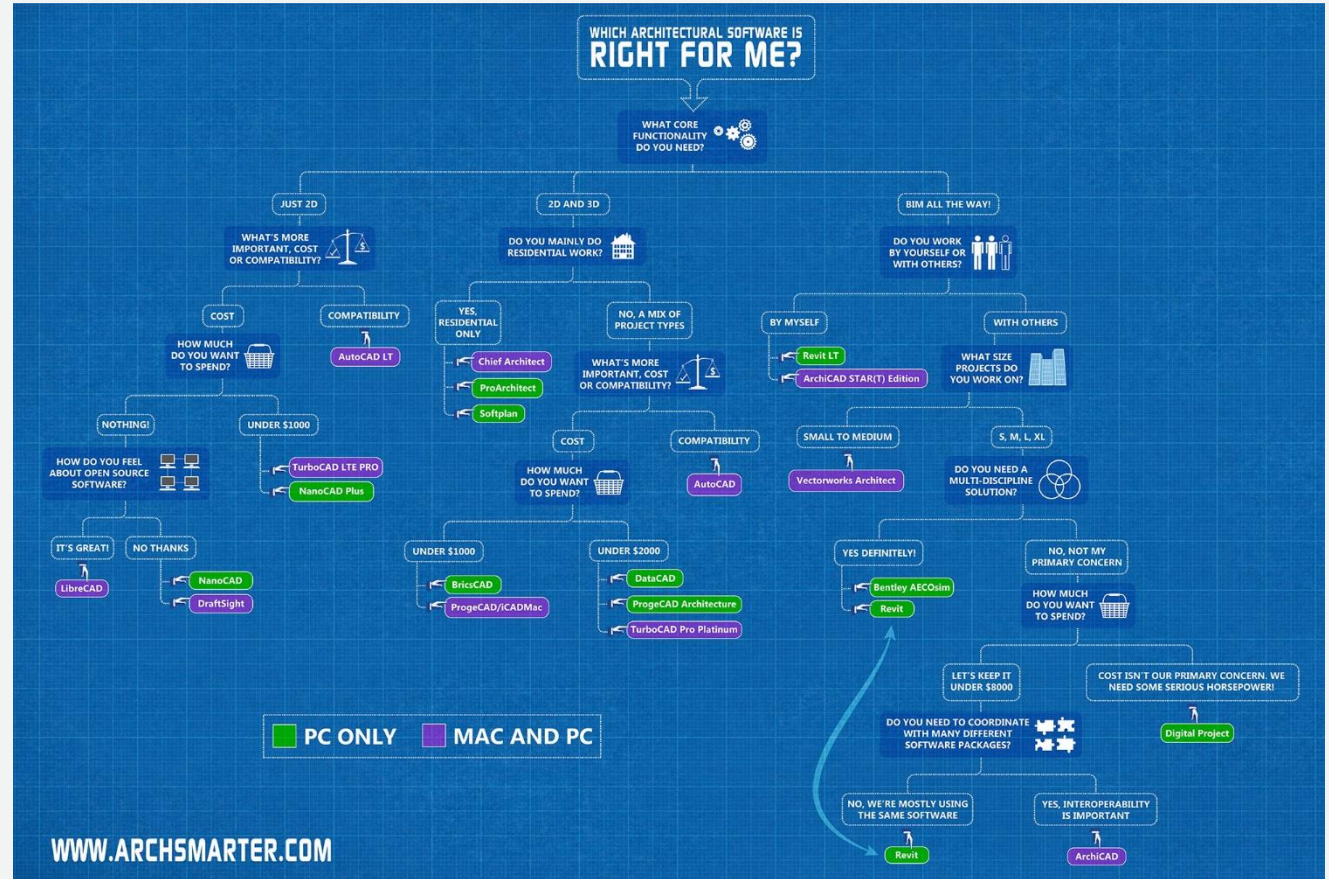


Image 1: Kilkelly, Muchael. Which Project Management Software is Best for You? Arch Smarter. 2014. Retrieved January 16, 2016, from http://archsmarter.com/wp-content/uploads/2014/02/Which_arch_software_large.jpg

The Journey

How to meaningfully contribute to the profession?

Image 2: N.a. N.d. "NewSchool Foundation Logo". Retrieved February 2, 2016, from <http://newschool-foundation.org/>

NEWSCHOOL FOUNDATION

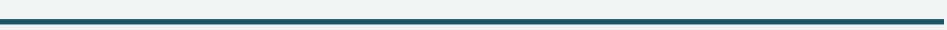


Image 2: N.a. N.d. "ACADIA 2016 Logo". Retrieved February 2, 2016, from <http://newschool-foundation.org/>

The Work

How to write a scientific research paper?

- Research
- Language
- Layout



The Product

How to meaningfully represent these ideas?

https://public.tableau.com/shared/NNQY73BC8?:display_count=yes



The Issues

How to collect and manage big data?

Functionality

Overall, how well does the program meet your needs?

Please rate the COLLABORATIVE features of this program

How well does the program work for team based and/or cross disciplinary collaboration?

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please rate the INTEROPERABILITY of this program

How well does the program function/transfer with other programs that you use?

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please rate the SUITABILITY of this program

Does the program function as you expect it to? How well does it perform the advertised functions?

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Efficiency

Overall, how well does the program function on your computer?

Please rate the RESOURCE behavior of this program

How well does it utilize computational resources? Does it use an unexpectedly large amount of RAM or CPU?

1	2	3	4	5
---	---	---	---	---

The Invitation

RTStangl.wordpress.com



Architectural Software Evaluation

🕒 February 4, 2016 📁 Uncategorized

For the past year I have been working on a system for more accurately evaluating the many options available for architectural software. This project started as a group project in my Computational Design class during spring of 2015 and the original post can be found [here](#).

Currently I have completed a rough draft of the project that includes:

- the interactive visualization for this project using Tableau
- a survey link for people to evaluate different software
- the associated research paper

All of these resources are included at the bottom of this post.

At the moment this is very much still a work in progress, but over the next two months I'm going to be finalizing all of the material listed above to submit for publication. During this time the survey will create a dynamic database, the visualization will be linked to this database with persistent updates to reflect the survey responses, and the paper will be revised to meet publication standards. As the project evolves I will continue to post new material.

This work has been made possible by the support of my family, the understanding of my thesis team, and a generous scholarship supplied by the NewSchool Foundation.

Paper: [Stangl_Architectural Software Evaluation](#)

Survey Link: <http://goo.gl/forms/t2G588i1aZ>

Visualization: https://public.tableau.com/shared/8HC4TBNSH?:display_count=yes

💬 [Leave a comment](#) ✎ [Edit](#)

RECENT POSTS

[Architectural Software Evaluation](#) February 4, 2016
[Adaptive Structure Analysis- Paneling](#) May 22, 2015
[Adaptive Structure Analysis- Massing Update](#) May 22, 2015
[Adaptive Structure Analysis- Massing](#) May 8, 2015
[Ladybug + Galapagos Basic Tutorial](#) April 24, 2015

ARCHIVES

[February 2016](#)
[May 2015](#)
[April 2015](#)
[March 2015](#)
[January 2015](#)
[December 2014](#)
[November 2014](#)

CATEGORIES

[Computational Design](#) (2)
[ENV5](#) (15)
 [ENV51](#) (8)
 [ENV52](#) (7)
[Independent](#) (1)
[Theory](#) (4)
 [Theory1](#) (4)
[Uncategorized](#) (4)

FOLLOW BLOG VIA EMAIL

Click to follow this blog and receive notifications of new posts by email.
Join 6 other followers

[Follow](#)

The Future

Submission for publication

- April 22, 2016

These skills translate to architectural solutions

- Interactive site analysis & diagramming
- Community polling & data interpretation
- Economic indicator tracking

<https://public.tableau.com/profile/chris4984#!/vizhome/InternationalConstructionCostSurvey2013Full/Introduction>

Acknowledgements



NEWSCHOOL FOUNDATION