

The Future *of* Software Development



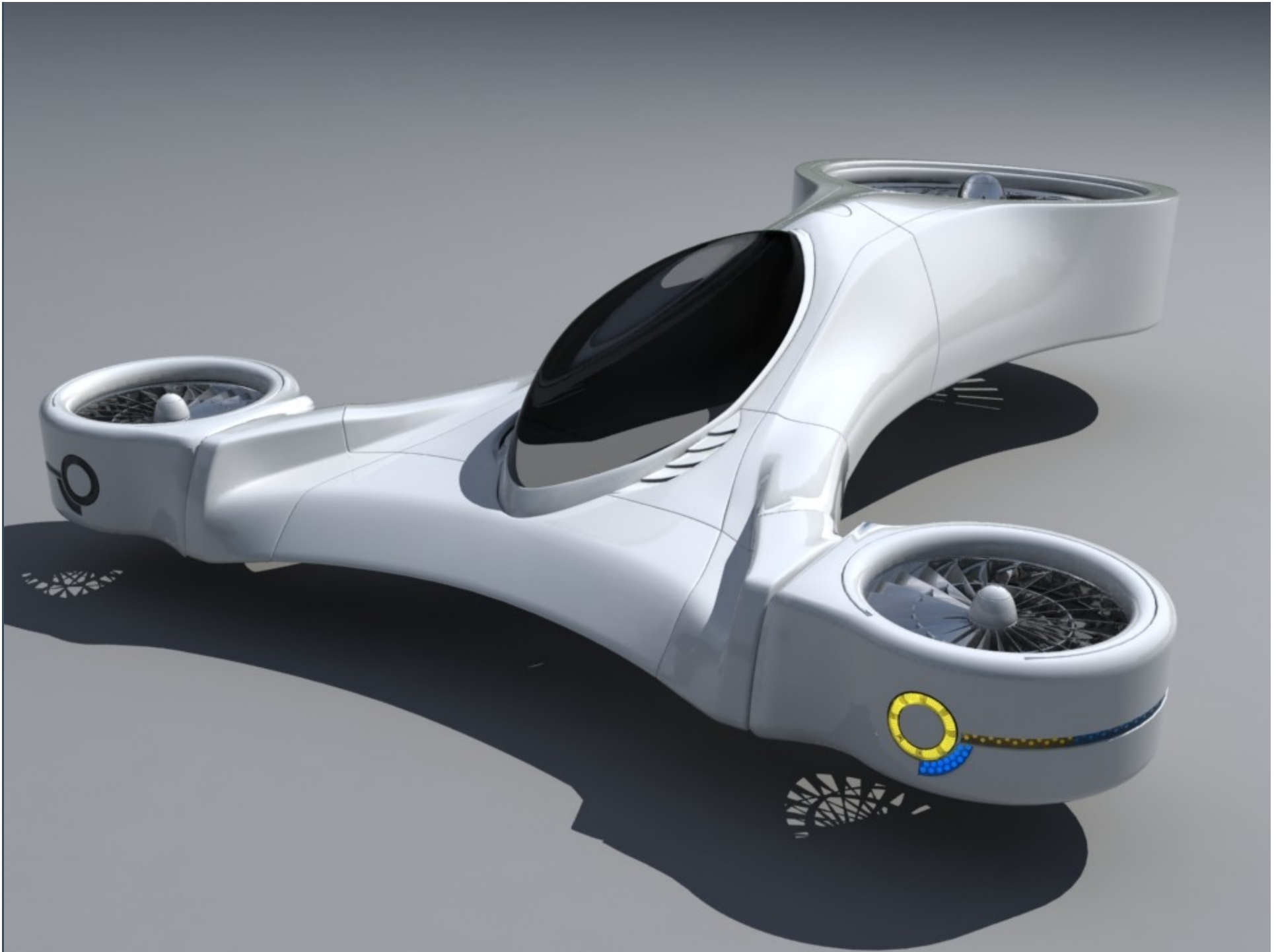
Energized Work
27 June 2012



Gus Power

gus@energizedwork.com

[@guspower](#)



The Past

Tools

Technologies



The Past Process



Predicting the Future

Virtualization

The Cloud

When I ask people to name three recently implemented technologies that most impact our world today, they usually propose the computer, the internet, and the laser. All three were unplanned, unpredicted and unappreciated upon their discovery, and remained unappreciated well after their initial use.

~ Nassim Taleb, *The Black Swan*

It is well to observe the force and effect and consequences of discoveries [...] to be seen nowhere more conspicuously than in those three which were unknown to the ancients, and of which the origin, though recent, is obscure; namely, printing, gunpowder and the magnet. For these three have changed the whole face and state of things throughout the world, the first in literature, the second in warfare, the third in navigation.

~ Francis Bacon, *Novum Organum*

What can we predict?



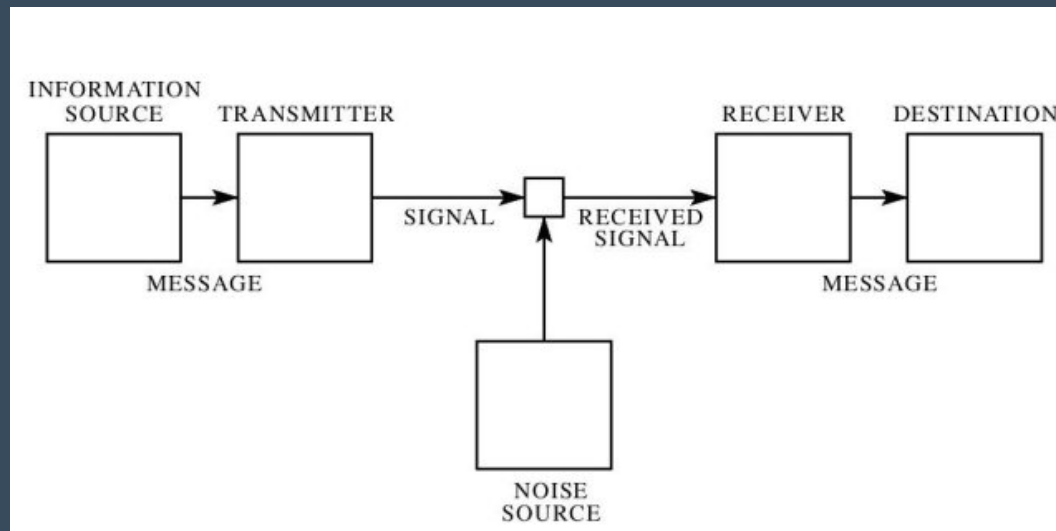
When I was about 25 years old, I had already experienced my knowledge being 'obsoleted' by three new generations of technology: Punched cards, IBM 1401 disk drive solid state computers and IBM 360 operating system computers with high-level languages.

~ Tom Gilb

I began to realize that there were two kinds of knowledge: Those things with a short 'half-life', and those with a life-long usefulness. I began to realize that I should invest more time in the life-long types of knowledge.

~ Tom Gilb

Information



[buyapowa-jmeter](#)

[buyapowa-publish](#)

[buyapowa-smoketest](#)

[buyapowa-test](#)

[buyapowa-test-admin-create-firefox](#)

[buyapowa-test-admin-edit-firefox](#)

[buyapowa-test-browsing-firefox](#)

[buyapowa-test-concurrency](#)

[buyapowa-test-facebook](#)

[buyapowa-test-firefox](#)

[buyapowa-test-gmail](#)

[buyapowa-test-integration](#)

[buyapowa-test-joincobuy-firefox](#)

[buyapowa-test-mailchimp](#)

[buyapowa-test-paypal](#)

[buyapowa-test-sendgrid](#)

[buyapowa-test-unit](#)

[production-backup](#)

[production-colour](#)

[production-remote-backup](#)

[production-smoke-test](#)

[production-stop-standby](#)

[production-swap](#)

[production-sync-live-to-standby](#)

[production-update-standby](#)



Knowledge

Wisdom

Education Socialization



Good, safe social interaction is as necessary to successful software development as good technical skills.

~ Kent Beck

Thank you

gus@energizedwork.com

[@guspower](#)



The Future of Software Development by [Energized Work Limited](#) is licensed under a [Creative Commons Attribution-ShareAlike 3.0 Unported License](#).

You are free:



To share – to copy, distribute and transmit the work



To remix – to adapt the work

Under the following conditions:



Attribution – You must attribute the work in the manner specified by Energized Work (but not in any way that suggests that Energized Work endorse you or your use of the work).



Share Alike – If you alter, transform, or build upon this work, you may distribute the resulting work only