Empowering the political systems using technologies

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Abstract: *This paper discusses the societal-framework that would enable technologies of the present and the future to bring about the universal justice, prosperity and security as yet unattained, but for ever dreamed of. It proposes the integration of all the scientific approaches to achieve an ever increasing rate of productivities and the resulting higher standards of living by reducing the burden on the education methodology but relying on a permanent infra-structure of knowledge that can transcend the chronological time. It outlines the architecture for an omniscient culture that would balance the opposing forces in real-societal-time to deliver the results mentioned above for all the members of a futuristic humanity. It brings out the limitations of the present day political processes and advances an approach to prevent the loss of early childhood potentials. On an optimistic note it promises for everyone what has been attainable only for a very precious few.*

Keywords: empowerment, political-systems, societal-time, child-education, social-justice, economic-freedom

1 Introduction

Human society has evolved from a few people to a very large number with a diversity very few people can imagine or comprehend. If that is the case, we have to wonder how we can manage all these complexities in such a way that we do not sacrifice the human values we are here to practice, individually and collectively. It seems the management art and science can greatly help us in this regard.

While educating ourselves individually is necessary for our individual growth and development, the society needs to accumulate all of its knowledge, experience and augment its potential for improving the societal wellbeing. The rate change of knowledge as well as the people makes it imperative that the management of both of those, one bio-logical and the other, perhaps non-biological; be well synchronized using time-scales and time-clocks that are in-tune with each other. This is an unexplored vista that can lead to greater prosperity and less strife, if developed and implemented.

Justice and human values are central to all cultures. The question is how can we practice them to our mutual benefits?

2 Political Awareness

It used to be that the politics is the art of the possible. Then, there is this new definition that politics might be the art of the impossible. Political management of the political affairs[1] of any society is to meet the needs of its citizens, whatever they may be, beginning with the basic needs of food, shelter and emotional security; to be able to help others as well as to better themselves; and to meet all of their obligations to their families, friends, communities and many such global relationships of their own or anyone else's making. If there are barriers[2] to achieving these ends, they are best managed using technologies[3]; since humans, as a biological phenomenon, on their own, are unable to achieve complete integrity[4] consistently, throughout all of their relationships. There are just too many variables that can and do go wrong in any system of relationships, which are difficult to realign. Even after education, repentance[5] or whatever else is

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[2] Few of which were discussed in, "Empowerment of people and societies using technologies", a paper presented at the 98th Indian Science Congress held from Jan $3^{rd} – 7^{th}$, 2011 at the SRM University Campus in Chennai, India.

[3] Technology is defined very broadly as everything humanity does, including languages, arts, money to name three.

[4] Integrity is that quality/property of completeness that enables a system to be worthy and fully functional

[5] Restorative Justice(RJ): The damage done

sought and used to mitigate the problem. A system of justice based on the physical identities of people is not a system of justice at all; till after we are able to understand what the humans are composed of (biologically and non-biologically)and how humans react to any stimuli. Even after that question is answered and standardized across the globe, there are psychological and philosophical questions that never could be resolved to help humanity achieve their true potentials, using imprisonment of human bodies and using physical punishments to achieve behavior change and societal civility. There is no evidence as yet of any correlation between the body and the mind. Still, the societal justice systems[6] are based on these disproven methods even today at the beginning of this 21st century.

3   Education

The present systems of education of the citizenry through schools, colleges and universities might help to make them want to live, dream and perhaps even innovate, but do they not perish[7] when those educated and informed die?; and do they not take away with them all of the knowledge and the learning?; leaving the new born to enter the life system, as it were, to get started from the beginning?

4 Societal Roles and Needs

Societally, such educational systems of endeavor is not productive in terms of achieving the higher outputs for a given amount of input and to assure an ever increasing levels of the standards-of-living for the entire global citizenry, even at a far distant future, because of our failure to distinguish the time-scales of the processes involved. Is there an alternative to this vicious circle? Is it possible to build a new permanent infrastructure of knowledge that transcends the generations?

5   Effective Management

The difference between building a permanent infrastructure of knowledge (ex: a CNC machine with an operator) and information, against the present concepts of education (a fully trained operator)- which have outlived their usefulness - calls for more robust technologies that can prevent the slippery slope of the often noted vicious cycles.

The time has come to embark on a new path where humans are not challenged beyond what is their rightful place in the universe which is, to only govern them-selves with the necessary prudence and that too with only the aide of the technologies. When they fail to achieve that goal, the permanent infrastructure of knowledge and wisdom shall govern the processes of failures to correct that failure by objective criteria and not by any one or another method of judicial leanings which itself is based on the false premise of body & mind relationships. Such an infrastructure, as suggested, is not only essential for the survival of humanity but for the entire universe of beings and non-beings, alike.

6   Precious Childhood

Let us start the young ones from their earliest days to observe and tell/write about what is wrong, unjust and unfair among us and how they feel they can improve all that they have noticed to be incorrect. Let them ask questions on their own, about why the things are the way they are; and in that process learn the methods, tools and subjects they would need to focus on to come up with their own curriculum solution. Let us give them the challenges at the beginning of their growing-up and not after their senses have been dulled by the reading of many a outdated textbooks, irrelevant lectures presented in bygone eras that might have become obsolete on the day they were written or spoken; that are without any identified use or purpose for their application for the present day student; taught and retained only to regurgitate so as to get a grade or obtain a diploma/degree. Let us not reward our teachers based on the meaningless grades that may not measure what the students as well as the society cares about.

How will we decide what problems should we give to the children to solve to gain access to the knowledge they would care to learn and use? Good question. That is why we need a permanent infrastructure of what we have learnt and accomplished with all the unexplored questions[8] we seek answers for. This permanent structure of knowledge as it would exist at any given moment would allow humanity to visualize the contents as the state-of that art, in all of the fields of endeavors. The contents and its containers need transform as they assimilate new knowledge from new generations of humanity that would want to take those fields of endeavor further than they have been up to that point. We would need to improve the

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[6] Justice or anarchy? :
http://www.google.com/hostednews/afp/article/ALeq
M5jrpXFCyCEwRrQEIVFca67OqKwRWg?docId=C
NG.19d12e5647311a6750cb654cad6306f8.761
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present day concepts of jobs, careers, career counseling and head hunters etc., in favor of this approach to work, life, meaning and contribution to the permanent well-being. These present day concepts may have applicability and usefulness in the right contexts and circumstances, even after the permanent structure of knowledge had been created and applied.

7 Governance

The political systems and processes need methodologies that are rigorously tested and proven to be efficient and effective. As of now, such methodologies are not existent; or if they exist they are neither transparent nor universal and hence subject to large variations in their outcome. Political systems are only as good as they are able to show consistent outcomes/results. Any systematization in these processes will greatly enhance the stability of the organizational efforts.

Humanity and the divinity are goals that could be achieved only by institutionalizing the human/divine behaviors as ends in themselves, through the means instilled in the permanent infrastructures of knowledge. Present infrastructures of knowledge are books, internet and many such media. The proposed infrastructure needs to be a real-social-time capable, and not mere solar clock versions of the geo-chronometer measured; with the intention of bringing wisdom to the decision making and its implementation processes, which are thought of to be either divinely inspired or of mere chance. Political systems considered here are not limited to the geo-political variety but of a very comprehensive kind that is an individualized solution that penetrates all the regional, national, communal, cultural, religious, secular, family, and the commercial circumstances capable of ensuring the desired outcomes without any human intervention. Such a sophisticated communication & delivery mechanism once conceived needs to be made operational and then maintained without any failure for an infinite duration. Its construction and upkeep could take decades (comparable to the space exploration vision of the 60's) of human ingenuity but likely to be well worth the effort when measured against its benefits[9] and the likely capacity to raise the standards-of-living of the entire humanity both in quality and quantity, approaching one hundred percent of the global inhabitants.

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[9] To avoid mishaps of the scale reported in here: http://news.in.msn.com/national/article.aspx?cp-documentid=5015358&page=4

An advanced country is the one that is omniscient and mindful/respectful of its citizenry be it a fetus, yet unborn or an elderly that is ready to choose euthanasia over facing the prospect of loss of dignity, since no one wants to take care of that person or wants to pay for the health care of that citizen till the natural end. It is that country, that worships the ground that citizen trod on; respectful of its citizenry's time, emotions, feelings and sufferings; it is that country that honors the opinions, wishes and needs of its citizenry over and above any other considerations such as some laws, regulations, procedures or edicts; it is that country that prioritizes its citizen's decisions both individually and not just collectively alone. It is that country that risks all it has to protect the life and memory of any single individual, at any given time and forever. While it's true that civilization requires laws and its obedience by all, and no one is above the laws, humanity and the respect of its citizenry involves wisdom above and beyond what is enshrined in the laws, the customs; and the judicious application of that wisdom to meet both of these criteria (Law - collective & Justice-individual), concurrently; not ever one or the other alone.

The processes of the empowerment of the political systems involve more of the results experienced by each and every citizen. If the result is undesirable either to an individual or to the collective, then the management of the political-systems-technologies needs better attenuation till the right quality of the result is achieved. For example, while we may have a monetary system that is capable of printing money and distributing that money to the citizenry as earnings for their discretionary spending; if those processes that provide such income are not timely enough due to either the business recessions or due to the vagaries of the cyclical causes of all human endeavors; there needs to be an alternate mechanism for distributing goods and services in a timely manner, irrespective of the lack of income at a certain point of that systemic shortcomings, beyond even the extended unemployment benefits etc., which could apply only to the once employed. An empowered political-technology system, perhaps based on a credit/debit-card that will enable any-one to get what they need when they need it; irrespective of their ability or lack there-of, for what-ever reason, at a given societal-time frame of that country's history. Wisdom and political rigor requires such common-sense outcome, and failure to achieve that result is more of a management issue and not a moral/ethical or even as it were, an economic issue. We know,

given enough societal-time[10], scarcity does not exist; abundance and surplus are the norm, both in nature and in human endeavors. It's imperative that this universal truth and knowledge be incorporated in all of the empowerment sciences. Given this realistic scenario of problem resolution, tasks such as the environmental protection; energy production, distribution and use; balancing an individual, city, state, organizational, national and international budgets; education of everyone; health-care for all; and many others like these are not anything one needs to fret about, argue over or even fought through the political regimes. These are mere "management gone- awry" happenstances that need immediate rectification by appropriate algorithms, using –if necessary – increasingly powerful computational powers of sophisticated and iterative sequences of societal-time engineering solutions with transcapes[11] of possible outcomes. Our present-day print media illustrations of reality - in a magazine format, news broadcast, as an editorial or a descriptive article - are but a form of transcapes, albeit of a primitive kind.

8 Empowerment Technologies

Empowering political systems using technologies is further advanced than even the serendipitous relevance[12] measurements involved in the very human social networking sites and related technologies. Monetization of the human labors and the human acts of virtue[13] are different from the monetization of the clicks on the cyberspace from the page view rates that benefit the sponsors/advertisers. Other more significant relevance criteria for the humanity are the occupations and the societal roles. Both of these criteria can lead to the creation and the maintenance of the permanent infrastructures of knowledge; easily furbished as virtual workbenches, all updated in societal-time scales appropriate for

their intended functions. Access to the workbenches of the permanent infrastructure of knowledge might or perhaps, ought to be universal and ought to become a fundamental right of being human. These workbenches and the virtual offices should be equipped with simulation tools to enable learning through hypothesizing and finding out the consequences without having to experiment in their real-lives. Education to reach and use these established workbenches may not be based on gainful employment but guaranteed during the life of all. Data about the physical and societal atmospheres[14] should be freely available and shared since all the data is a public good- in the non-biological economics studies. Ability to monetize all of the efforts made at these benches, auto-reflexively, could lead to a sophisticated economy that would concurrently be both entrepreneurial and socialistic, combining the values of all philosophies secular, religious[15], ethical and perhaps, even be based on mere moral reasoning as well. Similarly, concurrency of the several seemingly opposing notions could and would co-exist with the permanent infrastructure of knowledge, know-how, know-why, know-what etc., to provide the resiliency and the strength needed for the human societies to reach the next level of progress and attain the humanity postulated by the human sciences[16] and prescribed for human existence; if not the divinity[17] dreamed of for mankind. If, euphemistically at least, a smarter-planet[18] is what is aspired for, then, these are the

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[10] Societal-time is a unit of measure that adjusts the capacities of different societal roles and their value contribution among other things to maintain an equitable exchange for all members of the societal non-biological economic system.

[11] Transcapes, like the landscapes or the moonscapes of a three dimensional planet, depict the relationships of any number of variables in a context to help visualize the scope, the nature and the significance of that complexity in that societal confluence presented as an unique or a representative perspective.

[12] See link: http://techcrunch.com/2011/03/03/the-age-of-relevance/ that maps and explains its meaning.

[13] Such as the presence of love in a family that transcends to make the monetization of a house spouse's labor unnecessary.

[14] Societal atmosphere, similar to the natural atmosphere needs to be predictable in forecasts to help understand the immediate weather as well as the long-term climate from the societal changes.

[15] Such as the Vatican's past and present roles in tying the sciences to faith: http://being.publicradio.org/programs/2011/asteroids/

[16] As presently conceived and written about: http://en.wikipedia.org/wiki/Human_science

[17] As postulated and written about: http://en.wikipedia.org/wiki/Divine

[18] This is a reference to the sector level Information Technology (IT) ad campaign to encourage investment in that sector.

essential stepping stones to achieve those euphemistic aspirations.

9   Conclusions

Our knowledge of the natural world has provided us with progress and benefits at a cost to human value according to many. The concepts proposed and discussed endeavor to show that the natural world and the humanism enshrined in the biological body of the societal members are both dependent on one another for their mutual presence; and by distinguishing the biological from the non-biological it will be possible to govern both an individual and the society. The rates of changes of the various phenomena are a critical measure with which governance has to contend with. By proper devices these processes can be effectively managed. It is through effective management that the monetization of the work and the non-work can take place to meet the non-biological societal economics and to ensure the human survival at the same time.

References

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