

The DNA Map

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v 0.12

Introduction

DNA contains the blueprint for man's physical construction and functional metabolism from the stages of conception through adulthood. In this article we will image what God's Intelligent Design has inserted into this DNA map and the functionality behind it.

God the composer of life

Imagine God the composer of life wrote his most cherished symphony in man's DNA helix.

God's company is composed of movements we call stages of life; conception, zygote, embryo,

At conception the 2 gametes form man's zygote cell, the seed and first DNA helix of the new individual.

The following table illustrates this thought pattern:

Stage	Orchestra player(s)	Song	DNA sheet music access	Location
Zygote, conception	Enter single 1 st cell	From The Beginning ¹	DNA accesses Cell1.DNA.stage.zygote.Intro Single acoustic guitar starts playing intro	Uterus
2 cells	Enter 2nd cell		Cell division DNA accesses Cell2.DNA.stage.zygote. vocals 2 nd cell adds the vocals	
4	Enter 3 rd & 4 th cells		DNA accesses Cell3.DNA.stage.zygote. guitars Adds electric and bass guitars	
8			DNA accesses Cell4.DNA.stage.zygote. misc Add drums and Moog	
16				
Morula			Becomes a chamber orchestra	
Blastocyst	100-200 cells		Becomes a symphony orchestra	
Embryo		William Tell Overture	Action! Action! Action! Cleavage forms specialized tissues DNA.stage.embryo.groups accessed and forms & groups players into Orchestra sections	
...				
Birth	The child enters the earth's atmosphere			Earth's Atmosphere

¹ Emerson Lake & Palmer

Man's DNA Map

Table 1 Man's DNA Map

Sections	Percent	Description
Coding Section	1%	This DNA section contains information to build proteins Segments within this section are used by: Ribosomes to transcribe DNA into protein through a sequence of steps: Nucleus: pre-mRNA, mature-mRNA Cytoplasm: translation of mRNA to a specific protein & protein folding occurs
Non-Coding or Junk DNA	99%	99% of the DNA Helix is Unknown functionality

Man is

- born and progresses in stages from conception to zygote to embryo, ... , to infant, ... to preteen, ... , to adult, to senior
- physically constructed uniquely at each stage

Imagine at each stage's construction the blueprint of instructions & physical makeup is held in DNA.

Imagine God's Intelligent Design DNA Map

Table 2 Imagine God's Intelligent Design DNA Map

Sections		Percent	Description
Coding Section		1%	Same as Man's DNA Map
Data	Stage data tissue.PartsList	Unknown	Man goes through many stages from conception, zygote, embryo, ... , toddler, ... teen, young adult, adult, senior Each stage has a unique set of tissue physical characteristics defined in this data section
	Other Data	...	...
Instruction XIP ²	Stage functions	Unknown	Instruction functions Eg. System level :: setNextStage() , read each tissue for next stage data and reconfigure
	Other	...	System level :: Heartbeat and breathing paces Local level :: Bruise healing is handled here

² Execute in place method allows execution from non-volatile storage , disk drive/EEPROM/DNA, rather than RAM, https://en.wikipedia.org/wiki/Execute_in_place see Appendix X

Comparing the DNA map to a super computer program map may shed light in this matter.

DNA to Computer analogy

In this article we will analogize

- the DNA Map to a super scalar computers data and instruction memory map
- a functional man to a scaled set of computer components

Table 3. DNA Map vs Computer Program Memory Map

DNA Map		vs	Computer Map	
Section		storage + ribosome engine	memory + CPU engine	
Coding Section	Desc			Block
Data	Stage data tissue.PartsList			.data
	Other Data			Uninitialized data
Instruction	Stage functions			.text
	Other			Program functions

Super scalar computer design

The foundation of a super scalar computer is the base CPU building block component.

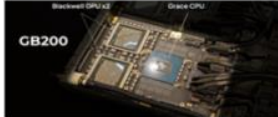
First a CPU is a large general computer chip that can do all things.

When CPUs are scaled or grouped together they

- Take up large spaces
- Create a large amount of heat
 - An Intel i9 CPU runs at between 30°C to 90°C which is non-conducive to life
- Are slow when running specialized algorithms

TO be within mans temperature range of ~ 98.6°F we will replace CPUs with **DSPs** which are much much smaller specialized computers that run at ~40°C which is in the range of life processes.

Table 4 Processor form factors

Processor Type	CPU I9	DSP	GPU
Size		a DSP is embedded in a CIC – 'completely in canal' hearing aid 	
ISA Instruction set size	Supports 1000 – 3000 instructions ²	Microchips dsPIC33E * Supports 84 instructions	Supports 2000 instructions ³

ASIDE: AI GPUs are graphic processing units which are larger specialized processors generating more heat and take a lot more power to operate.

Observing super computer systems and their multitude of CPUs doing simultaneous functions and calculations how would this apply to man's construction? Does man have multiple CPUs/DSPs?

Imagine man's brain is the master CPU with many **smaller*** DSP processors spread throughout the body.

Since each cell in man has an identical copy of DNA an **unique *qLife*³** system design can be employed.

Imagine God's Intelligent Design at birth

Imagine at man's conception each cell has 1M specialized DSP computers already present. Of these 1M DSPs a small subset is active for the conception stage.

As the conception stage completes the **setNextStage** function

- references thisCell.DNA.stage.zygote.thisCellTissueType data structure for ribosome type +-Cnts
- is invoked to goto the next zygote stage where some
 - of the active conception DSPs are disabled
 - of the zygote DSPs are toggled from disabled to enabled
 - new zygote DSPs are created and enabled
 - allowing a new set of DSP construction crews to build this new zygote stage

Man's mega structures

At the core of man's ability to create mega structures and super computers, including AI's GPU data centers, is a base component.

For skyscrapers that base component

- is a repeated steel frame
- that is stacked floor upon floor upon floor ...

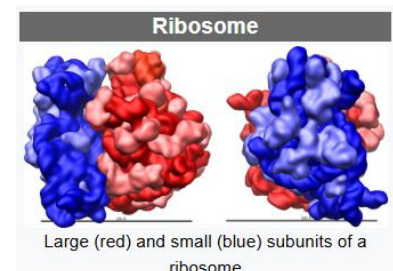
For super scalar computers that base component

- is a repeated identical CPU/GPU
- that is stacked or ganged together to optimize the algorithm load

God's Intelligent Design base component : The DSP

Imagine God's Intelligent Design (GID) uses DSPs that run only **1-5 instructions**. These ₁₋₅DSPs would

- Be incredibly small, use little energy and run cool but
- Do only 1 function with up to 5 subtle variants
 - Note : ₁₋₅DSPs are built to run 5 instructions vs. 84 instructions of a full size DSP
 - This limitation would require an
 - enormous variety of ₁₋₅DSPs types to exist to provide a full app instruction set and
 - an incredible large number of total ₁₋₅DSPs to exist to provide scalability
- What organelle in the human cell would fit this description?
 - ribosomes are incredible small
 - 1M ribosomes can be present in a human cell
 - ribosomes have 2 subunits and are heterogeneous, meaning there are not all the same
 - ribosomes
 - are recognized as DNA to protein transcribers
 - imagine they also function as ₁₋₅DSPs driving the powerful parallelism required for life's complex processes



³ Quantum Life design patterns can use unconventional communication properties & stimulate heterogeneous activity upon its receivers such as DSPs.

God's Intelligent Design ₁₋₅DSP Orchestra

Super computers gang many powerful CPUs together scaling to increase computer throughput.

Imagine God's Intelligent Design uses 1,000's or 1,000,000's of miniscule very specialized ₁₋₅DSPs to accomplish increased metabolic throughput.

God's Intelligent Design ₁₋₅DSP's may be analogized to one musician in an orchestra. This musician has a specialty, violin, and is assigned a specific chair in the goal of performing a musical score. This musician references the local cell's DNA.stage.zygote.violin.1stChair data structure for the appropriate sheet music. One flip of the wand from the maestro engages this musician to become one of a scalable multitude that acts independently to accomplish the task of playing the composers musical vision.

Let's illustrate an orchestral movement alongside the execution of the DNA **setNextStage** function.



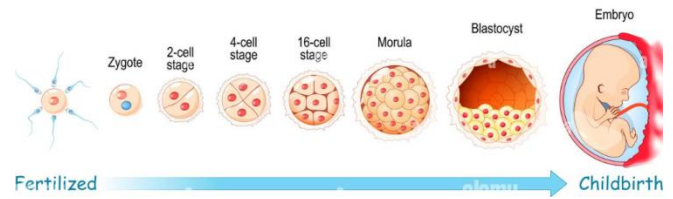
Orchestra			DNA Life			
Strings		Other sections	setNextStage — broadcast msg to all cells			
Violin chair 1 Unique Sheet music	Violin chair 2 Unique Sheet music	...	Liver.T1 Cell	Liver.T2 cell	...	Pancreas.T1 cell
Notes, ..., rests, ...	Notes, ..., rests, ...	...				

Table 3 Imagine a Liver Tissue types cell stage transition

	Single setNextStage msg broadcast to all cells Prefix is DNA.stage.teen Activating and deactivating a specific set of ₁₋₅ DSPs		
Parallel Cell Activity	Liver.T1 T1 - tissueType	Liver.T2 T2 - tissueType	Pancreas.T1 T1 - tissueType
	Loop thru all ribosomes 'X' in DNA data structure : DNA.stage.'Organ'.Ribosome[X] ...		
Read DNA.stage.tissue.ribosome counts	.Liver.T1.Ribosome#[X].+Cnt	.Liver.T2.Ribosome#[X].+Cnt	.Pancreas.T1.Ribosome#[X].+Cnt
	Instruction actions For +-Cnt = 0, No operation, for +-Cnt, a positive value activates extra ribosome, for +-Cnt, a negative value deactivates a ribosome		

Human embryonic development

God's Intelligent Design Cell Division



Imagine GID stages conception to embryo functions as follows:

Stage		
Zygote (conception)	Original conception cell is marked MasterBrainCell	
2 cell stage	Copy conception cell is marked MasterBrainBackupCell	
4	2 copied cells are marked as stem cells	
8	4 copied cells are marked as stem cells	
16	8 copied cells are marked as stem cells , 14 of 16 total cells are generic stem cells, 2 MasterBrain	
Morula		
Blastocyst		
Embryo	Brain forms at about 6 weeks. Imagine each side of the brain forms around one of the MasterCells Located close to the rigid stable spinal cord reducing concussion possibilities Imagine the MasterCells stop cell division/ replication at this point Imagine that upon the masterBrainCells death the MasterBrainBackupCell takes over Imagine upon the MasterBrainBackupCell death all brain activity ceases	

God's Intelligent qLife Design Pattern

Man's conventional design pattern for large scaled operations:

- Hardware
 - Create a physical standard base component
 - Adds identical base components to scale the design
- Software
 - Create a computer code standard base library module
 - Reuse of this base module allows scaling by
 - continually adding new functions to the base module library
- Communications
 - Direct physical connections for unlimited electrical signal types

God's Intelligent Design qLife scales inside the

- Cell which
 - has NO single **identical** base molecular component that is repeated ad infinitum
 - does have a ribosome molecular organelle that is repeated up to 1M times per cell
 - ribosomes may be of a multitude of types
 - Functionally
 - Creates complex molecular products during metabolism
 - the createHGH function is an example where
 - A createHGH virtual group of ribosomes are activated each executing in a parallel chute
 - Chutes are sync'd with each other to optimally supply dependency molecules to each other
 - Scaling is accomplished by creating additional createHGH groups of ribosomes
 - wait conditions are not generated
 - When a chute lacks a resource or produces a bad result a NOOP is created
 - Any bad dependency chute interaction simply will create a NOOP
 - Resulting in a group failure to produce the correct results
 - This failure is equated to a marathon runner hitting the wall and slowing to a stop
- Communications
 - A single wireless **start** createHGH msg is sent within the cells local WiFi
 - a group of specialized molecular ribosomes located at specific intervals throughout the cell are activated
 - WiFi is implemented by quantum entanglement

Table 4. Successful HGH cycle

	Single createHGH msg broadcast to multiple ₁₋₅ DSPs					
	parallel ribosome activity					
	parallel chutes					
DSP HGH Group*	₁₋₅ DSP Type 1 Main thread	₁₋₅ DSP Type 2	₁₋₅ DSP Type 3	₁₋₅ DSP Type 4	...	₁₋₅ DSP Type N
	rest/delaySlot	Chem#2 starts	rest/delaySlot	rest/delaySlot	rest/delaySlot	rest/delaySlot
	Chem#1 starts	C2 ...	rest/delaySlot	Chem#4 starts		
	C1 ...	C2 ...	rest/delaySlot	C4 ...		
	C1 ...	2C2 ...		C4 ...		
	C12	Completed	Chem#3 starts	C4 ...		
	C12 ...		C3	Completed		Chem#N starts
	C123		Completed			CN4
	C123N4			...		Completed
	Completed					
	* createHGH is scalable by adding DSP groups					

Communications

Table 5. Communication analogies

Orchestra	Computer	Home WiFi	GID cell qLife
Conductor signals Sheet music	Physical wire routing Electrical signals	Wireless Router WiFi signals	Quantum particle Entanglement signals

Entanglement

Einstein defined ‘spooky action at a distance’ as a pair of subatomic particles having a relationship over great distances. Imagine this is the basis for quantum physics. Further imagine entanglement is the basis of the grand unification theory. The building block of the physical universe.

Imagine in God’s Intelligent Design qLife that a human brain sends an electrical signal from the brain via the nervous system to an individual cell wall where

- A particle spins on a multi-particle particle patch panel on the cell membrane
- That particles
 - starts to spin on at a specific angle or axial tilt and at a specific speed
 - imagine further that at intervals within the cell entanglement orbits are activated
 - entanglement law 1 : causes an at rest particle along an entanglement orbit to start to rotate in sync w/src transmission activating a chemical reaction
 - entanglement law 2 : causes a moving particle along an entanglement orbit to fall into the entanglement trough and orbit the source entanglement particle
 - eg. the sun ‘s entanglement orbits are illustrated by the planetary orbits
 - an atom’s entanglement orbits are illustrated by electron orbits
 - Voila we have wireless inner cell communications where
 - The number of particles on the patch panel determines the number of metabolic operations within the cell

Entanglement orbit

What is an entanglement orbit?

Imagine as a particle or object rotates on its axis it creates orbits around it at 90° angle to the axis. These orbits are zero energy troughs.

The sun in our solar system and the planetary orbits are examples of such a property.

NOTE. Here the sun has created multiple entanglement orbits!

Are these multiple entanglement orbits like harmonic, sub-harmonics played on a guitar?

Are atomic sub-shells and molecular ions variations of multiple entanglement orbits?

In quantum physics the electrons around an atoms nucleus of protons are examples of such a property.

Here a proton in the nucleus is spinning and entangled to an electron in an orbit at 90° to the axis

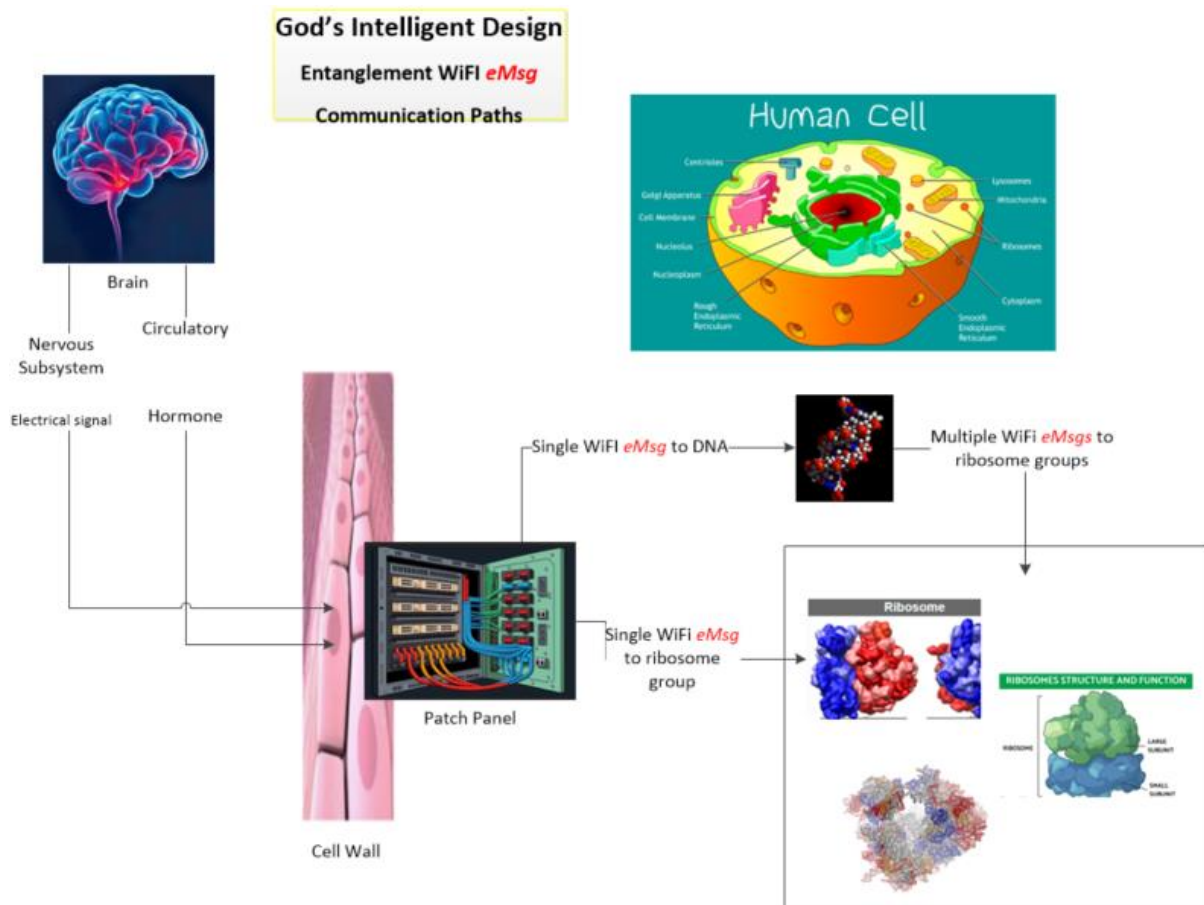
- The inference is multiple proton elements are all spinning on different axes as the electron paths are not all in a single plane

Cell Communication Types

Table 5. Communication types

Types	Src Path Membrane.patchPanel -> Dest Path	Description
Single	Ribosomes w/in a single functional group	One set of parallel processing functions activated
Multiple	DNA spawns multiple single commications	Multiple chained sets of parallel processing functions activated

Entanglement WiFi communication path diagram



God's Intelligent Design Extended DNA Map

Previously defined Table 2 was a preliminary GID DNA map. In this section we will extend it.

Table 6 Imagine God's Intelligent Design DNA Extended v1 Map

Sections	Subsection	%		Description
Coding Section		1%		Same as Man's DNA Map
Data	Stage data tissue.PartsList	?		Man goes through many stages from conception, zygote, embryo, ... , toddler, ... teen, young adult, adult, senior Each stage has a unique set of tissue physical characteristics defined in this data section
	Stage.function call tables		Periodic	Every clock tick checks this table for scheduled events
			Event	Async event table lookup vectors to appropriate function
	Other Data	...		...
Instruction XIP ⁴	Stage functions	?		Instruction functions Eg. System level :: setNextStage (), read each tissue for next stage data and reconfigure
	Periodic	...		System level :: Heartbeat and breathing paces Scheduled protein synthesis
	Event			Local level :: Bruise healing is handled here Event protein synthesis through phases bruise,heal and flush away waste REM sleep cycle triggers HGH cycle setNextStage call stage function above

Function call mechanisms

Instruction code is invoked by a periodic or event method.

Periodics

A periodic method is called at timed intervals.

Event	Caller	Description
Uterine bleeding	Brain timer	Monthly reproductive cycle

Events

An event method is called when an external event occurs.

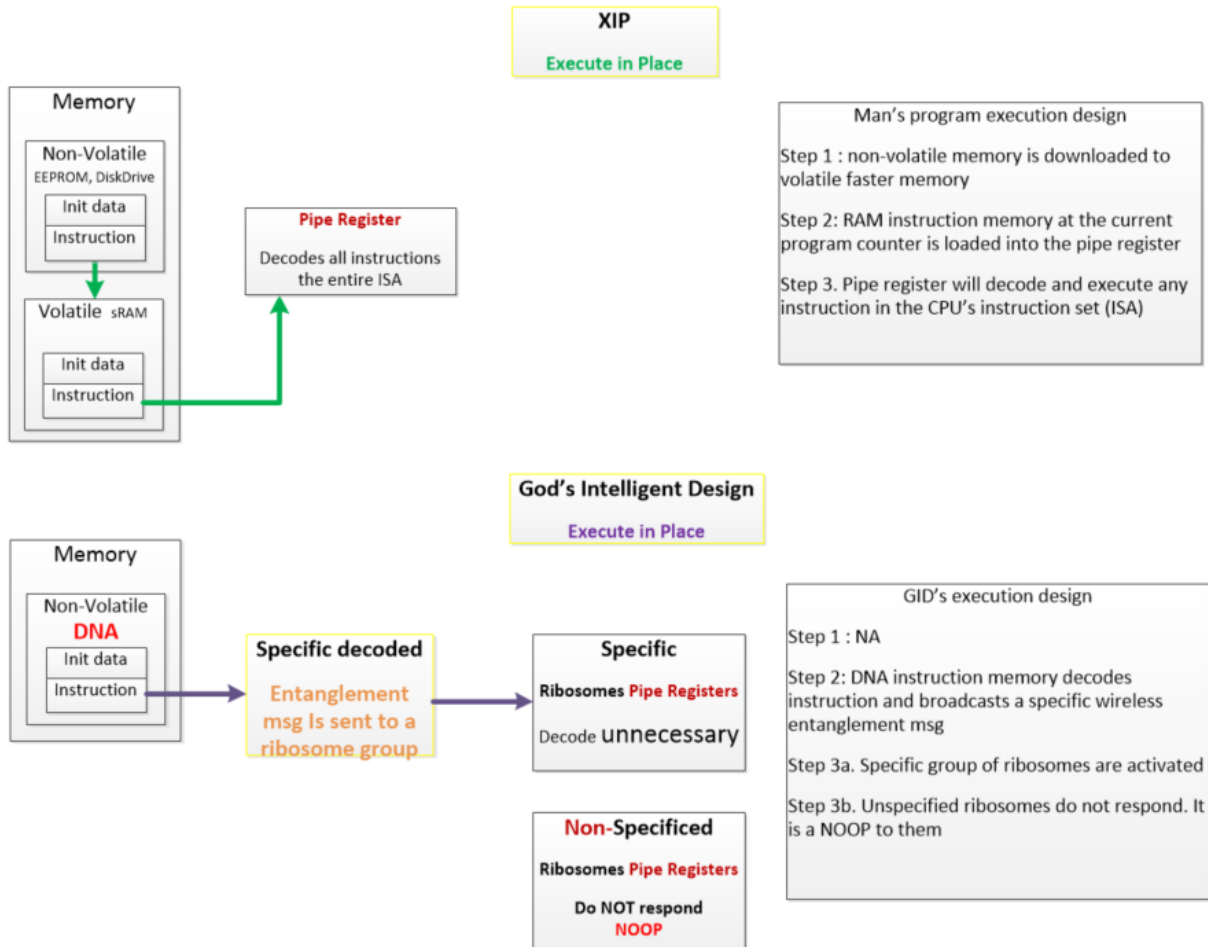
Event	Caller	Description
Bike crash	Local tissue	Traumatic event causes healing cycle to begin

⁴ Execute in place method allows execution from non-volatile storage , disk drive/EEPROM/DNA, rather than RAM, https://en.wikipedia.org/wiki/Execute_in_place see Appendix X

Describe next item

Appendix X

XIP



Appendix Misc

Solving the unsolvable

The Chicken or the Egg

Of course the chicken was created first. Adam was created from the dust of the earth. After which Adam and Eve formed the first egg.