

CIVILIZATION-N, YEAR 17 A.B.E. (AFTER BIG EVENT)

(Early morning in the kitchen of an ordinary house at year 17 A.B.E. equivalent to year 2049 of old civilization)

Katherine (a 9-year-old child): Dad, I am so glad you can have breakfast with me this morning. You are always so busy or traveling....

Marky (Katherine's father - 39 years old): My dear, as I already told you, today is an important day to you. We will take a big step about your education and your future regarding how you shall collaborate for the development of our civilization.

Katherine: Dad, you are frightening me! When you say civilization, you mean our people on this Earth as well the people on the other 17 planets.

Marky: Almost right honey, by now we know 19 inhabited planets, including our Earth, where there are people like us on this corner of our galaxy, so do not forget planet Kepler-452b, making up 19 planets in total.

Katherine: But dad, they are on the Stone Age...

Marky: Yes, I know, but the people there shares 99.98% of our DNA, and we must help them to develop civilization and accelerate their moral and technological growing as well.

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Katherine: So, you want me being responsible for the development of 130 billion people.

Marky: Kathy, we are all responsible for other's development. When we have the knowledge and the conditions to transmit it and we keep it to ourselves, we are being selfish and we block other's development and society as whole will not improve.

Katherine: How can I, a single child being responsible for 130 billion? In addition, what you exactly mean by civilization?

Marky: We must be responsible not only for our people but also for every existing being. I will give you an example: we are all vegetarians now, but it was not like this in the past times, like in our old civilization now called civilization n-1.

Katherine: You mean the previous civilization on this planet Earth?

Marky: Correct.

Katherine: Why we call ourselves civilization n and the previous one n-1?

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Marky: I will try to explain to you honey. Our scientists studied the civilizations that passed by this planet, their raise and fall, through the footprints, old documents and the fossils we could find, but they also found additional indications that other civilizations could have thrived here. Beside all these indications, our O.Vs. (outside visitors) confirm these possibilities, so after the moment of the B.E. (Big Event), and considering it was impossible to determine how many civilizations there was previously, we decided to call the remaining people on Earth after the B.E. as 'Civilization n'. The main change between our present Civilization n and the past one is that this one is collaborative while the previous one was competitive and used to live in a permanent state of war among themselves with continuous slaughtering of all kind of animals you can imagine.

Katherine: Daddy, what this has to do with us being vegetarians?

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Marky: I will get there baby, be a little patient. It was on the year 14 B.B.E., equivalent to year 2019 of the old civilization or civilization n-1 as we refer to them now. I was at your age by that time when they the O.Vs. officially made contact with us. We suspected they have been visiting us along millenniums and finally they have shown up in an evident and general manner. As you know, civilization n-1 was very pugnacious with no respect to life, but then a thing that no one could imagine happened: all people on earth's surface joined efforts to combat the invaders, at least that was what we supposed them to be, because their declared intention was to carry out our air, water and crops to feed themselves. I don't need to say that their technology was tremendously more advanced than ours and our guns or atomic weapons did not even scratched them. By January of 13 B.B.E., equivalent to year 2020 of the old civilization, our U.N. - United Nations representatives were sitting with the 'invaders' leaders negotiating our survival as a civilization. We then discovered that the real and much bigger threat than the invaders, was outside and travelling very fast to destroy us: a big bolide, of half the size of our moon, made of super dense matter that was coming in route of collision with our sun, putting at risk not just our planet but also our whole solar system. This bolide was as well threatening many other stars of this corner of our Milk Way together with their orbiting planets, and some of them were inhabited. In the past, we used to think that a supernova event was an isolated case, under certain conditions of stellar mass and age of the star. Nothing could be more wrong than that. The travelling bolide was the responsible for such occurrences. Do to this threat, many of this inhabited planets, as a precaution matter, started to migrate their population to other safe planets in other solar or star systems far from the bolide collision track. Our Earth was not an option for migration to, because it was

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threatened itself by the bolide, but could perfectly serve as filling station for oxygen, water, crops, cattle and energy, in this migration route to their destination planet. To explain and prove this situation to Earth's scientific community and political leadership, the 'invaders' after then called Outside Visitors or O.Vs., prepared robots to teach our people about cosmic situation and for rapidly multiplying this knowledge. These robots were perfectly similar to a human person, the hair, the skin, the voice, the attitudes, etc. However, they had some distinguishable features that no human had, like for example: they could project with their eyes in a room, holographic or 3D images to explain their point; and these images moved like in a 3D movie. They had 3D printing resources that with a finger over a platform, could build in minutes models of the devices they want us to know, or pieces of the human body, even a complete human body model, or a tree or a mountain. Some of these robots, the more advanced ones, could make up these models in the exact size and color of the original object and give movements to them, like for example, making the blood flow inside a transparent human body model. They could give explanations on whatever known language you wanted. They had an immense data bank of most part of the knowledge of our science added with theirs, the O.Vs., own knowledge of how things really works in this corner of the galaxy.

Katherine: Daddy, have you studied with these robots?

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Marky: Oh yes dear! They were unbelievable. You could not stop paying attention to them. They provided every explanation in a perfect and assertive phrase construction with the precise language resource to make anyone clearly understand it. Their speech intonation was like our trained actors to transmit reliability. Each college and high school all over the world got one of these robots. Even our regular teachers studied with them to recycle their knowledge and being updated on how to prepare the information for future robots to be built. However, there was no time to lose, the bolide was coming very fast, and in a matter of years would blast our sun and together with it all our planets.

Katherine: Can I study with one of these robots?

Marky: Not anymore honey, after the robots the O.Vs. transmitted to us a more advanced technology for education and formation of people that is in use right now and you will be presented to this afternoon. These robots are now museum pieces.

Katherine: Daddy, how our Civilization-n decided to become vegetarian?

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Marky: I will explain to you in a while. The O.Vs., after training us with the robots, needed our new skilled collaboration and very soon. The O.Vs. had spacecraft's that could travel above light speed and wanted us to build special engines to be installed on the bolide's surface. These engines when activated by 2023, or 10 B.B.E. as we call it now, would try to move the bolide from its destruction track aiming our sun and other stars with inhabited planets. We, civilization n-1 by that time of year 2020, and with the help of the O.Vs. adopted two subsequent plans: Plan A - concentrate all efforts to build engines up to year 2023 for moving the bolide route, and Plan B – after year 2023 to migrate as much people as we could to another planet, already researched and found habitable for us, that for sure would not be on the bolide's way. You cannot imagine the advances in technology, physics, astronomy, mechanics, logistics, data processing, mental transmission of information, transportation means, new energy sources we had in those days. All this, thanks to the capacities of these robots and the teachers that supplied them with the most updated knowledge from Earth and outside Earth, for being spread out to our living population. With all this knowledge and skills we had obtained from these robots teachings, we were able to build all engines required by year 10 B.B.E. as scheduled. The engines were carried to the bolide, fixed on it and then activated. From that moment on, we started Plan B, which means sending as much as we could of our population to a safe planet. We had to do this, because we were not 100% sure that our engines plus a vast sort of the other engines produced by other planets and put on the bolide surface would create enough displacement to deviate the bolide from its original collision route. The last moment that our sun and our entire solar system would be at risk because of the bolide would be the year of 2032, or the moment of the Big Event – B.E. as we

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call it now. For practical reasons we now count it as year 1 Before Big Event or year 1 B.B.E. Due to time and resources restrictions, only half of our population, about 4 billion persons, joined this interstellar migration and the other half remained here, taking the risk of not surviving if the bolide could not be enough deviated. Together with the interstellar migration we needed a lot of food to send with our migrants for them start life in another planet that initially was without any explored resources at all. We learned, through the knowledge transmitted by the robots, that instead of using the land, the water, and the crops to feed cattle, chicken and other animals for consumption, if we used these resources for grain production to feed human population, we could multiply by 6 or 7 Earth's capacity of feeding its population. In a short time, we stopped breeding and slaughtering animals, to open space for larger grain crops. With the O.Vs. knowledge transmitted by the robots, we also learned that all animal species have a kind of consciousness, some more developed and some in development, that would keep existing in an extra physical dimension after their death. The slaughtering of animals for consumption created harms on their lasting extra dimensional consciousness, due to the suffering and abrupt life interruption they face. This slaughtering and suffering changes the vibration frequency of their consciousness causing negative changes also in our collective consciousness frequency as well. The storing of information in our consciousness as well for any other animal is ruled by infrared and ultraviolet frequencies. Our consciousness acts in other dimensions outside the body, and that nowadays we can clearly demonstrate. Therefore since we surpassed alive the Big Event, we the remnants on Earth including some O.Vs. that joined us, decided to call ourselves: 'Civilization n' and we cultivate the habit of not eating any kind

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of animals, because of the reasons I've just explained to you; and because of this realization we all decided to become vegetarians.

Katherine: Dad, I understood about being vegetarian, but dad, how will I get more knowledge, once those robots are in museums now?

Marky: Well sweetie, the O.Vs. had enough time after the B.E. to transmit to us more advanced learning technologies. Nowadays we have teams of teachers all over each inhabited planet we know, and they are responsible to gather all reliable and relevant knowledge. This include: universal laws, specific laws that only works on specific planets or geographic conditions, the state of the art of every and each discipline, the experiences that our interstellar travelers gather and each result of any scientific experiment ever done and so on. The discovery of consciences acting in other dimensions then physical, by the O.Vs., made us to become vegetarians in respect to life and consciousness of all living things, but it had a side effect: we also learned that our mental memory and skills does not reside in our physical brain but in our extra dimensional consciousness. After a lot of research, the O.Vs. developed a machine that could send information or knowledge directly to our mind without having to pass them by the brain. Our brain has very limited conditions of absorbing knowledge and information through the five senses we use. The learning machine increments quickly and broadly our knowledge and skills.

Katherine: It seems impossible for me to absorb all these information to graduate. It looks like that a lifetime would not be enough to get all this...

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Marky: Take it easy Kathy. Your body, your brain and your mind have now reached a maturity state where you are now prepared to let in all the information you have affinity with, regarding the formation area you've decided to act professionally. In 10 days from now I should be calling you doctor Katherine...

Katherine: But how this will be possible?

Marky: Your area of interest is heart surgery. As I told you before, there are teams of teachers gathering information, experiences and skills in 19 different planets. There are hundreds of teacher's committee on Earth, and among them, one that specifically decides what is paramount for a heart surgeon on Earth to know and practice. All this knowledge and practices are condensed in a small chip that will be feed into the learning machine. You will be connected to this learning machine for some hours, in your case it will be 12 hours, and during this time lapse, all you need to become a heart surgeon will be planted in your mind.

Katherine: I am frightened dad, some people says that the learning machine is very painful.

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Marky: Not at all baby, I will explain to you how it works: In the preparation room, they will put around your head a belt connected to some wires. Then they will ask you to enter the room where the learning machine is placed. You will see a kind of bed full of pins laying on the level of the floor. You will be alone in the room. A voice will ask you to undress and lay back on the bed. In the beginning the pins might be uncomfortable on your back, but after a few seconds, you will be floating over the bed. You will also feel the belt pulsating and realize that a lot of information is getting into your mind. After 12 hours, the same voice will probably wake you up, and ask you to dress again. You will go to the preparation room, take out the belt around your head, and I will be outside there waiting to take you home.

Katherine: But dad, do you think then I will able to make an open chest heart surgery in a person?

Marky: I am 99.999% sure. After being in the learning machine, it will take one week for your neurons to build new connections to access the information and skills you have received. Then it will be scheduled a heart surgery for you to do and successfully graduate.

Katherine: Are you kidding me? I will open a real person with my hands?

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Marky: Well, in a practical manner you should never touch a patient do to the chance of contamination of both, even with glasses, mask and gloves. In a practical manner it will work like this: based on a received diagnosis of a patient, you with your recent acquired knowledge through the learning machine, will program a robot to do the surgery step by step on that patient. The surgery will be done on a fully functional human model by the robot you have programmed to do so. You will be beside the robot connected to it through special unwired devices, to correct any malfunction of the robot. After the successfully done surgery, you are graduated and can start working in this field with real patients. There are many requests for surgeons with the expertise you will now acquire.

Katherine: Can something go wrong?

Marky: I would not consider this possibility. After you graduate and during your practice, any non-conformance you face shall be immediately reported to the teacher's committee, so they can evaluate what happened, and update the next version of the chip holding the rules and instructions for the next batch of heart surgeons to be formed. Therefore, perfection is always a targeted aim.

Katherine: Can anyone become a heart surgeon?

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Marky: In thesis yes, this option is open to every inhabitant of this Earth, but in practice not. Since your conception, and then after your birth, your early education, the experiences we have conducted you through and many other factors permitted you to choose among a lot of professions including being a heart surgeon. What counts ultimately is your manifested affinity with a certain occupation. Not all persons can have such many options as you have now; it depends on the dedication and perseverance of the parents to amplify the quantity of options. Do not think it is a financial matter; it has more to do with dedication of parents to the child.

Katherine: Daddy, thank you so much for you and mummy taking such care of me, and especially you by being this whole morning with me and explaining all this. I love you both! (Embracing Marky)

Marky: We love you too honey! (Gently kissing Katherine on her forehead). Now please wash your hands, get all your stuff and let's get graduate!