

Convergence to completeness and consistency based in Compassion.

IMPORTANT.

Convergence to completeness and consistency based in Compassion (see the works of Emma Seppälä). Is using a "Fixed Point Iteration Function" strategy, where passing from a possible inconsistent or incomplete state we reach at the next state more consistency and completeness until reach full consistency and full completeness. Since in each iteration having a state A going to state $f(A) = B$ where A and B are different and f improves consistency or completeness of A, f could be adding functionality that could be redundant.

e.g. in state A we could have the boolean test `"x/not(name()='experimental-median-lethal-dose')"`

but in $f(A)$ we could see

`test = "x/not(name()='experimental-median-lethal-dose') and name()='experimental-density'"`

in this example the right side of and subsumes the left side and then could be removed but in this case after applying f it is not removed redundancy by subsumption.

Redundancy is not removed in order to move from A to B being more satisfiable until reaching consistency and completeness.

Redundancy is thought always not to break consistency nor completeness from state A and reaching a better state in B.

The reason of not removing redundancy is often because we want to avoid or resolve a critical time request.

Every optimization problem generates a set of possible states where unsatisfiable states are separated from the satisfiable ones.

And after this step are selected those best states by a profit function over satisfiable states.

The constraints and profit function based in Compassion is a different one: trying to search not only economical profits but also taking into account degenerative or regenerative constraints related with common good in all it's dimension for human being dignity, even more economical profits are a direct consequence of optimized common good, improving the profits in exponential way since degenerative constraints avoids a non satisfiable and non optimal solution, and generative constraints promotes the reaching of satisfiable and optimal solution w.r.t integration with reality context and strengthen the people integrating the system and their interrelationships optimizing the whole system in exponential way due the cumulative produced profits in each dimension inside and outside the system.

A good analogy would be an isolated system in a thermodynamical system. A simple instance the boiling water, since the system is isolated meaning that each member of the system is related w.r.t any other by transitive relationship. It implies that an action between to member belonging to a direct relationship in the system will have consequences in all the members of the system. This property happens in the boiling water example, where there is an echo that is cumulative and propagated in exponential way in all the members of the system in degenerative way if the action was degenerative, or regenerative if the action was regenerative.

Another analogy would be the isolated system of the organs in the human body. All the members of the system are related between each other by a transitive relationship. So if a member of the body feels sicker all the members of the system receives the degeneration effect of the sick member, but if a member of the body feels healthier all the members of the system receives the regeneration effect of the healthier member.

Optimization based on Compassion always will trust in a mature and balanced responsibility of all members of the team recognizing them as highly skilled, considering any intermediate state A at each iteration for the fixed function f, described above, a work made with responsibility trying to reach excellence and success. Where if A is not reaching yet the fixed point of full completeness and consistency it's because the problem system has greater complexity or there were other unintentional issues that faced those involved in reaching state A. It is always trusted that any member of the team never will make mediocre or immature decisions of harming any other team member. Then it's clearly appreciated the necessity of complementarity between all the team members to achieve and to apply passing from state A to $f(A)$. Where we don't negate the other's work but everyone if it has not reached yet full completeness and consistency. By the opposite at each iteration in the fix point function members of the teams improves their skills in short term reaching the possibility of having better result in the following next short, middle, long term fixed point iterations.

Like Maverick we try not to lose any team member.

And we have a posture of medic instead of a judge. The medic will always be aware of the healthy state of the system and if it's facing a propagation of degenerative actions, will try to maximize and restore the healthy state of all members of the system and their relationships. A judge by the opposite when a degenerative action is being propagated in the system will reject the whole system without restoring the healthy state of all members of the system and their relationships.

The medic will not turn off the light that is about to go out, but will restore its optimal state.

The medic will not break the rod that is about to break but will strengthen it to restore its original optimal state.

In this way as team members we don't negate and reject the reached state A in an iteration of the fix point function f but complement it in order to reach consistency, completeness and optimal state in the shortest, fastest and best optimal way. The negation of the reached state A will always imply a delay or stopper to reach consistency, completeness and optimal state the shortest fastest and best optimal way.

Redundancy is expected to be reduced, subsumed and optimized at the end of all iteration sequence when a fixed point $f(A)=A$ has been reached, i.e. full consistent and complete state.

Of course it is possible always to try to apply reduction, subsumption and optimization of redundancy specially if there is time and priorities allows it, or if the developer is skilled to do that in a fast way without committing mistakes. Having a relationship of A to B to C an optimization step will try to see if it's possible to have in equivalence just A to C, or A to B' to C where B' is more efficient than B. But also can see if it's possible to optimize A or B.

Sometimes the developer faces "workshop blindness" this term is applied in Industrial Engineering when working in extreme conditions in the desert managing machinery where if they are tired they can commit mistakes that could harm others, they are asked to work less hours than usual after having intense working hours, to rest and work again being recovered from workshop blindness. In our case we don't need to reduce the working hours journal, sometimes a little break can help to recover from workshop blindness or to make a double check with other team member always will be helpful. Having good sleep hours outside the journal hours work, and balanced life can help to reduce workshop blindness and burn out and enjoy the work with happiness and mental health.

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Thank you.
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