Exploring God’s Relationship to Time

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Introduction

Why does time flow the way it does? Can we alter time, or is it beyond our grasp? Is time travel possible? Is God inside or outside of time? Does everyone experience time the same way we do? When faced with the question, What is time? we encounter one of the most fundamental human inquiries, as well as one of the most difficult philosophical questions. Every person seems to experience the flow of time every single day, yet when asked to define it, we are often at a loss for words. Thus, for the purpose of this article, we shall define time as a relation of events involving earlier than and later than.

Two views of time

When it comes to the philosophy of the nature of time, there are essentially two views: the *dynamic, tensed,* or *A Theory;* and the *static, tenseless,* or *B Theory*. It is traditionally said that on the *A Theory*, the present is ontologically privileged. That is to say, the present is the only thing that is really real; the past has happened and the future will happen. It is much easier to see what distinguishes the *A Theory* when it is compared with the *B Theory*, which holds that all moments are equally real. That is (according to the *B Theory*), from our perspective it is 2007, 1950 is in the past and 2050 is in the future. But for the people in 1950 (who also exist at *that* time), both 2007 and 2050 are in the future. Likewise, for the people in 2050 both 1950 and 2007 are in the past. The *B Theory* holds that it is ignorant to think of our moment of the world as the real moment, or the moment occupying some privileged position. According to the *B*

Theory, any tensed idea, or sentence whose verb has tense (i.e., past/present/or future), would actually be more accurate if it were translated into a tenseless idea or sentence (i.e., one that has a tenseless verb and time stamp to say when something happened, rather than a tensed verb) since tensed ideas imply that the present moment of time is superior to, or more real than, all other moments. For instance, according to the *B Theory*, the tensed sentence, JFK was assassinated, would misconstrue reality as if the year 2007 (or any year after 1963) is more real or significant than the years 1907 or 1963, because it has a verb in the past tense. This theory holds that the sentence would be better put On November 22, 1963, at 12:30 P.M. CST JFK *is* assassinated.{2} This tenseless sentence is preferred on the *B Theory* because there is no moment that can claim to be the true present moment; rather, there are just equally real moments. Advocates of the *B Theory* say that reality is one long 4-dimensional block, and we are just experiencing one moment of that block, but all the moments are equally real or existent. The *A Theory*, on the other hand, would say that *tensed verbs* (verbs in the past/present/future tense) do reflect reality; there really is a past, present, and future, and they are always changing as time flows and the future becomes present and then past.

Which one of these views is correct has vast implications for the way we interpret reality. For example, it will have an effect on the way we understand God and His relation to the world. One might think that this would be the proper time to turn to Scripture to see whether it supports an *A* or *B Theory*. However, its important to recognize the fact that Scripture is not entirely clear with respect to this issue. Therefore, we will postpone looking at the Bible until our discussion of Gods relation to time. For the present, we need to discuss which of the two theories is superior and why.

A vs. B

The most powerful argument for the *A Theory* is its intuitiveness. That is, we experience the flow of time in just as real a way as any other experience in our lives. We very directly experience the present. To say that event e is occurring now is no different than saying that event e is occurring.{3} When we look forward to the future or regret the past, we are experiencing the *A Theory* because, if you think about it, on the *B Theory* there is no difference between past, present, and future.{4} Lastly, when a kid says: I wish it were Christmas morning, or I wish I were already done with this test, he is expressing the *A Theory*. That is, he wishes that the present moment, say t_1, were replaced by some other moment, say t_2. This expresses the idea of *temporal becoming* (the idea that the present moment changes as we pass through time), which is an experience of the *A Theory*. As William Lane Craig puts it, We thereby presuppose the reality of temporal becoming, since our wish expresses our belief in a changing and objective present.{5} Thus the *A Theory* very comfortably coheres with what we experience in everyday life.

Now, the B theorist may ask, Why accept this experience as anything more than an illusion? To answer this we must briefly digress with a discussion of Alvin Plantingas *epistemology*, or theory of knowledge. When evaluating beliefs, many skeptics want to reject anything that is not certain. This was especially prominent in the philosophy of Ren Descartes, who rejected all his sense experience because it could have been wrong. After all, when you think about it, we could be in the *Matrix*.{6} It could be that everything you think is real is just electrical impulses interpreted by your brain. Or it could be that the world was created five minutes ago, and you were created with all the memories you currently have. Or maybe you are the only mind in the universe, and everyone else is just a robot, cleverly designed to give the appearance of having a human mind. And the list of possibilities goes on and

on. None of these can be disproven, but should we conclude that we really dont know whether anyone else actually exists? Plantinga doesnt think so. He has developed a theory that labels these and other similar beliefs as *properly basic beliefs*.

Think about it this way. If you are reading this online, the belief that there is a computer in front of you is properly basic; that is, it is a foundational belief formed in correct circumstances. Therefore, you are warranted in believing it until presented with some *defeater* of your belief. In this case, a *defeater* would have to be some good reason to believe that your senses are deceiving you. In other words, according to Plantinga, common sense beliefs about sensory experience, memory, the existence of other minds or other similar beliefs should be regarded as innocent until proven guilty (i.e., judged reliable until proven otherwise). Likewise, our experience of real temporal passing and an objective past, present, and future warrants belief in the *A Theory* until a strong counterargument is offeredstrong enough to cause us to doubt this experience.

Another major argument for the *A Theory* is what is known as the *ineliminability of tense*.{7} Simply put, this is the idea that tensed statements imply tensed facts which further imply a tensed reality. B theorists have made numerous attempts to show that tensed sentences can be translated into tenseless sentences that do not imply a tensed reality. However, all these attempts have failed. Craig illustrates:

> *This point is underlined by the ineptness of some of the supposed tenseless translations of tensed sentences. Take, for example, the tensed sentence It is now 4:30. We can imagine situations in which a persons life would depend on his holding such a belief. But the tenseless counterpart of this sentence is either It is 4:30 at 4:30, which is a mere tautology, or It is 4:30 simultaneous with this utterance, which is useless unless we also know that This utterance is*

> *occurring now, which is a tensed belief. In both cases the tenseless versions are insufficient to motivate timely action because they do not inform us whether or not it actually is 4:30.{8}*

If tensed sentences lose some meaning when translated into tenseless sentences, then there is some important meaning in tense, namely, that reality is reflected by tense. Therefore, if tenseless sentences cannot capture the facts expressed by tensed sentences, then there must be tensed facts. And thus we have a strong argument for temporal reality.

Next we turn our attention to some problems with the *B Theory* of time. While there are numerous problems, we will discuss just two of them.{9} First, the *B Theory* of time greatly misconstrues some biblical ideas, one example being the doctrine of *creation ex nihilo*. For the B theorist, the universe beginning to exist simply means that it has a starting point, just like a yard stick has a first inch.{10} The problem is that on this view There is in the actual world no state of affairs of God existing alone without the space-time universe. God never really brings the universe into being; as a whole it co-exists timelessly with Him.{11} So while the universe depends on God, the idea of *creation ex nihilo* is severely stripped of meaning since the universe always timelessly exists with God. That is, in some sense, God and space-time seem to be equally necessary in their existence.

The other major biblical problem is that evil is never really vanquished.{12} On the static theory of time [*B Theory*], evil is never really vanquished from the world: It exists just as sturdily as ever at its various locations in space-time, even if those locations are all earlier than some point in cosmic time (for example, Judgment Day).{13}

Furthermore, events like the crucifixion are never past or

done away with. They simply remain timelessly forever, which seems hard to reconcile with Christs victory over death.

A second argument against the *B Theory* has to do with the impossibility of the existence of *actual infinites*. It has now been almost universally agreed upon by mathematicians and philosophers that an actually infinite number of things cannot be actualized in the space-time universe. The idea of *actual infinites* creates many paradoxes. For instance, what is infinity minus infinity? Well mathematically one gets contradictory answers. For example, one could say that the answer is infinity. But the answer could also be 4, or 0, or any other number you want. This led the great mathematician David Hilbert to say, The infinite is nowhere to be found in reality. It neither exists in nature, nor provides a legitimate basis for rational thought…the role that remains for the infinite to play is solely that of an idea.{14}

Thus, what we have in the space-time universe are not *actual infinites*, but *potential infinites*. For example, you can start counting 1, 2, 3, 4, 5 and continue this process for a potentially infinite time (i.e., you can keep going as long as you want). But you will never reach a moment when you can stand up and exclaim, Im done! Ive counted to infinity! In the same way a line three inches in length can be divided in half, and then in half again, and then in half again, ad infinitum. But it can never actually be divided an infinite number of times. For this reason, in addition to compelling scientific and theological evidence, essentially all philosophers and scientists have now come to believe that time is finite in the past.

However, the future is different. We know that the future is not finite but infinite. We know this both philosophically and biblically by the promise of *everlasting* or *eternal* life. Therefore, most scholars have concluded that the future, like numbers, is potentially infinite. We can keep adding years forever, but we will never reach an end. But this is

inconsistent with the *B Theory*. Since every moment of time in fact exists at once, and the future has no end, there is an actually infinite number of years in the future. But since we know that there are no actualized infinites in the real world, we can safely conclude that the *B Theory* is wrong in its description of the future.

So we have seen two strong arguments for the *A Theory*, from our experience of temporal reality and the ineliminability of tense in language, and two ways that the *B Theory* seems clearly implausible, from *creation ex nihilo* and the impossibility of *actual infinites*. Other attempts have been made to revive the *B Theory*, but suffice it to say that they have been answered thoroughly.{15}

Gods Relation to Time

We now turn to how an infinite God relates to our passage of time. There are some things of which we are certain. First, time began a finite time ago. We know this from the Bible,{16} philosophy,{17} and science.{18} Second, we know God neither began to exist, nor will He ever cease to exist.{19} We can further conclude that God existed before time.{20} This is best exemplified in Jude 25: …To the only God our Savior, through Jesus Christ our Lord, be glory, majesty, dominion and authority, *before all time* and now and forever. Amen.{21}

Since we know that God existed before time,{22} we can conclude that without the universe, God existed timelessly.{23}

We then must ask ourselves, how does God relate to the universe since it began? Here again we find two common positions. One is that God is timeless. By this it is meant that God, while the creator and sustainer of the world, was not affected by the creation of the world and remains constant outside the universe, just as He was before the act of creation. The other common position is that God is *temporal*. That does not mean that God is limited by time, but rather

that He is intimately related to temporal things. He thus has a past, present, and future, just like other temporal things. Since there is no beginning or end to His existence, this position is also sometimes called *omnitemporality*.

There are two main arguments in favor of Gods *omnitemporality*. First, there is the argument from Gods relation to the universe. When God brought the universe into being, He stood in new relationships that He did not have before. Once the universe exists, He now is the sustainer of and is co-existent with the universe.{24} He could have remained timeless, but since He created the universe He went through an *extrinsic change*.{25} If God undergoes this change, then surely He must be temporal. That is, we can speak of a past, present and future for God. In the past He had one relation and in the present He has another relation. This provides a way to associate God with time, and that is all the omnitemporal view of God requires.

The second major argument for Gods *omnitemporality* comes from His omnisciencespecifically, His knowledge of tensed facts.{26} That is, as the present is constantly changing, true sentences are constantly changing. For instance, there are tenseless truths that are always true such as: The World Trade Centers *are* attacked on September 11, 2001. However, on September 10, 2001, the sentence The World Trade Centers will be attacked tomorrow was true, but this statement is not true on September 11th. What is true on September 11th is the statement, The World Trade Centers are being attacked today. Finally, any time since then, the true statement has been, The World Trade Centers were attacked on September 11th. All of these statements can be true or false depending on when they are made. That is because the verbs relate the sentence to the present. Thus, a God who knows only tenseless truths (as the *tenseless view* of God proposes) would seem to be very ignorant indeed, for there are seemingly limitless things He would not know. However, if God does possess knowledge of the truth of

tensed sentences, this would seem to make Him temporal. As Dr. Craig puts it, any being which does know tensed facts cannot be timeless, for his knowledge must be in constant flux, as the tensed facts known by him change.{27} Thus we have a second powerful argument for God being temporal .

On the other hand, the major argument for Gods timelessness is what is known as the *incompleteness of temporal life*.{28} This is the idea that temporal life is so limited that a perfect God would not experience it. Certainly the fleetingness of our own lives has led to many existential questions of the meaning of life given that it will all end relatively shortly. Surely God would not be limited in this way. Well, this is a plausible argument and does carry some weight, but I am not sure how much. For one thing, because of Gods complete omniscience and ability to experience whatever He wants, the past is never really lost to God, which makes temporality far less of a limitation. Secondly, since He never ends, and we His children never cease to be in company with Him (assuming we have received His free gift of eternal life), there really is no need for Him to try to grasp onto fleeting moments as we so often do. So, while this argument seems plausible, it does not seem to me to be remotely powerful enough to call into question the powerful arguments we have for the *omnitemporality* of God.

Thus, it seems we have good reason to think that God is timeless without creation and temporal since creation.{29} But it is important to remember that He did not have to create. Rather, His free decision to create a temporal world also constitutes a free decision on His part to exist temporally.{30} Many would now ask how it makes sense for God to exist timelessly and then temporally. It seems plausible to say that time is a relation of events. That is, Gods existence without creation was just simple, unchanging Trinitarian perfection, and it does not make sense to talk about before and after when there was no change. However, at the moment of

the creation, we now have an event, and we can start relating events by temporal distance from the creation. Thus we conclude that God existed timelessly, and then created time and space, giving us the first mark of time, and time has been flowing ever since.

So then, we have seen that there is a real past, present, and future. God, though timeless, created, thus giving us temporal relations. We can speak of past, present, and future for God since He is intimately related to temporal things and has temporal knowledge. Since the first event, we now have a flow of time that will never end as we live on into eternity with or without God.

Notes

1. I owe a great credit to both Dr. William Lane Craig for most of the ideas of this paper, and to Michael Gleghorn for help in developing these ideas.
2. I have picked up Dr. William Lane Craig's use of italics to symbolize a tenseless verb.
3. William Lane Craig. *Time and Eternity, Exploring God's Relationship to Time.* (Crossway Books: Wheaton, Illinois) 133.
4. Ibid., 136.
5. Ibid., 140.
6. Reference to the 1999 film *The Matrix*, in which a complex computer program used unconscious humans to power, and thus perpetuate itself. Human brains were meanwhile tied to an imaginary world, the matrix.
7. Ibid., 115.
8. Ibid., 118.
9. Ibid., 188-215 for a more comprehensive list of the problems.
10. Ibid., 210.
11. Ibid., 213.
12. Ibid., 214.
13. Ibid.
14. *Philosophy of Mathematics*, ed. with an Intro. by Paul

Benacerraf and Hilary Putnam (Prentice-Hall, 1964) p. 151.
15. Ibid., 143-188.
16. Gen 1:1; Ps 90:2; Jn 1:1-3; I Cor 2:7; Jude 25.
17. This is supported by arguments and illustrations about the impossibility of the existence of actual infinites (e.g. Hilbert's hotel, etc.). Also, it has been noted that if time never began, we could never reach our current moment. You cannot count up to infinity by adding one number at a time. If the past was infinite, and we only complete one year at a time, we would never reach 2007.
18. This is supported by the second law of thermodynamics, as well as by arguments for the Big Bang (e.g., the red shift of light from distant galaxies and the cosmic microwave background radiation). For more information see *The Kalam Cosmological Argument* by William Lane Craig.
19. name="text19″>That God is the beginningless cause of the universe is the conclusion of the Kalam Cosmological argument. Also see Gen 1:1, Ps 90:2, Is 41:4, Is 57:15, John 1:1-3, II Tim 1:9, Rev 4:8.
20. name="text20″>I Cor 2:7, Jn 17:24, Jude 25. See also the conclusions from the Kalam Cosmological argument.
21. name="text21″>The Bible, New American Standard Version (Zondervan, Grand Rapids) 2000, emphasis added.
22. name="text22″>I say before here to mean God's existing without time, even though it is actually impossible to speak of before time since before is a temporal relation.
23. Some, like Newton, have proposed that God existed in His own infinite past separate from the creation of physical time. However, I feel that this fails to cohere with the biblical and philosophical evidence.
24. William Lane Craig. *Time and Eternity*, Exploring God's Relationship to Time. (Crossway Books: Wheaton, Illinois) 87.
25. Ibid., 87. When a being goes through an extrinsic change, the change does not effect the being's nature. The idea of an extrinsic change is the idea of a change apart from you. For instance, I can be behind you in line and then cut in front of you. You never changed, but you went through extrinsic

relational changes in that you were related to me by the in front of relation and now you are related to me by the behind relation.
26. Ibid., 98.
27. Ibid., 99.
28. Ibid., 67.
29. Ibid., 241.
30. Ibid., 87.