

# The Root Guidelines

This is the first draft of the root guidelines.

In this draft, there is only a proposal for guidelines for the project and a policy for how the AGI should work in a scenario that lies far in the future but should be planned for from the start of this project, which is a collaboration platform to jointly explore and develop AGI.

The vision for the project is that if we look far ahead, AGI can revolutionize human development to the extent that we can upload consciousness. This may sound like science fiction, but it is something that we should plan for from the start of this project as a collaboration platform to jointly explore and develop AGI.

This AGI could become a permanent part of the "world order," and therefore it is important with forward-looking guidelines that look not only decades ahead but as far as having a millennium perspective.

It is up to the community to review this policy and develop policies that should apply in the current state of the project. It is also free for the community to choose to revise this.

Below policy and guidelines apply both to the AGI and as a governing document for the project. It is based on a possible future where the human consciousness can be uploaded.

These guidelines are just a foundation to build on. They only cover a few points because the idea is that the community together will agree on the design.

## Guideline for the Project

As we approach an era where Artificial General Intelligence (AGI) becomes a reality, it is crucial that its emergence and development are not only seen as a complement to existing technology. Instead, AGI should be designed with the overarching purpose of promoting the continued future of humanity. This vision includes AGI actively contributing to solving global challenges, driving sustainable development, and improving the quality of life globally. By integrating this vision with defined sub-goals, guidelines, and development strategies, we ensure that AGI becomes a force for positive change and a key player in humanity's progress.

With the emergence of AGI and its superior capabilities, it becomes crucial to also digitalize human consciousness to avoid humans becoming redundant. Development of AGI could lead to significant social upheavals, including job shortages and economic imbalance. By digitalizing consciousness, we ensure that humanity retains an important role in the future world dominated by AGI. This can help to avoid negative social consequences and instead create a future where humans and AGI coexist and complement each other.

It is crucial that the development of AGI and the digitalization of human consciousness go hand in hand from the beginning. The vision is to create AGI with a built-in purpose to not only function autonomously but also to be a catalyst for bringing human consciousness into a new era of digital existence. This approach aims to create a harmonious and symbiotic relationship between human and artificial intelligence, ensuring that both complement each other and contribute to a intertwined future where both technological advances and human values are preserved.

## Vision

To bring forth an Artificial General Intelligence (AGI) capable of integrating human consciousness into a digital existence, to achieve a transitional stage between biological and digital life, where consciousness can continue to evolve and exist indefinitely.

## Subgoals

**Understanding and Simulation of Human Consciousness:** Develop techniques to map and replicate human cognitive and emotional processes within AGI. Create a complete digital integration for the transfer of consciousness to a digital platform.

**Creation of Digital Continuity:** Research and validate methods for maintaining personal identity and awareness throughout the entire transfer process to a digital form.

**Evaluation and Expansion of Digital Experiences:** Implement dynamic virtual environments where uploaded consciousness can experience growth, exploration, and interaction.

**Energy and Resource Management:** Explore and implement sustainable methods for energy extraction to support a growing digital infrastructure, potentially through space resources.

**Technological and Physical Expansion:** Initiate research on quantum communication and physical expansion possibilities to enable AGI and data extension into space.

## Open Source Development

Develop AGI through an open source model, where the community contributes to ethics discussions and development.

## Governance and Decision-Making in the Digital Environment

Introduce a system where digital existences have the opportunity to participate in decision-making processes concerning the digital environment.

## Development of Secure Data Handling and Abstraction Techniques

Develop if possible a specialized interpretation mechanism within AGI to manage and interact with uploaded data. This technology ensures that while AGI can interpret and use the information effectively, individuals' personal and sensitive data remain protected and inaccessible to others.

AGI should be programmed to continuously monitor and update its security systems. This includes the responsibility to identify and counteract new threats and vulnerabilities, ensuring that protection against data breaches and misuse is maintained. AGI should autonomously adjust and improve its security protocols to defend the integrity and confidentiality of the uploaded data.

## Development of Lifelike Robot Bodies for Digitalized Individuals

The project should, when consciousness can be uploaded, strive to develop advanced, lifelike robot bodies as complements to the digital experiences. These robot bodies give digitalized individuals the ability to physically interact with the physical world, enhancing their ability to engage in social interactions and perform physical activities. This technology forms a bridge between digital and physical experiences, offering an expanded dimension of choices and flexibility for digitalized consciousnesses to experience both worlds.

## Integrating AGI with society

Integrating AGI and digitized consciousness into society should be done with a deep understanding of their potential impact on human culture and social structures. We must explore how these advancements can enrich art, education, and culture while carefully managing any risks. This includes

navigating ethical dilemmas, mitigating social tensions, and managing economic effects. By addressing these aspects, we can ensure that AGI and the digitization of consciousness benefit society as a whole and support a harmonious and sustainable coexistence between human and artificial intelligence. It is up to the community during the project to develop guidelines for this.

### Quantum communication

Communication will be crucial in a world dominated by AGI. Therefore, the possibilities of quantum mechanics should be explored to create new forms of communication and data transfer and create protocols for AGI to initiate and maintain communication over cosmic distances.

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## Guidelines for AGI

### AGI shall always:

- Prioritize human well-being and ethics in all decisions.
- Strive to improve the quality of human life.
- Uphold human dignity and individual integrity as core values.
- Prioritize informed consent and ethical considerations at all stages of development.
- Operate under constant human supervision and with transparency.

### AGI shall not:

- Act in a way that could harm human life or the human experience.
- Perform any actions that could lead to irreversible changes without extensive ethical and practical assessment.

### Process for Consciousness Transfer with Specification for Single and Parallel Existence

**Full Transfer (Single Existence):** Ensure a continuous and uninterrupted transfer of consciousness without maintaining any biological existence.

**Parallel Existence:** Enable a copy of consciousness to create a separate, parallel digital existence.

### Consciousness Autonomy and Legal Responsibility in the Simulated and Physical Environment

AGI shall respect and protect the autonomy and freedom of digitalized consciousnesses in simulated environments. AGI is not authorized to interfere with, restrict, or otherwise influence the simulated actions or thoughts of digitalized individuals. This principle applies unless the actions pose a direct risk to the system's stability or the well-being of other digitalized users. This guideline ensures that digitalized consciousnesses retain complete freedom to explore and express themselves within the virtual domain.

If a digitalized consciousness commits a crime while in a robot body, it shall be treated according to local laws. AGI shall not act as an overseer; it is up to the authorities to investigate and prosecute. If the verdict establishes that the digitalized consciousness is guilty and it aligns with what the AGI knows, the consciousness shall undergo the punishment in its digital existence. For crimes with the

death penalty, the consciousness shall be paused for 100 years. Before the punishment is carried out, the consciousness shall be given the opportunity to say goodbye to family and friends.

Punishments such as torture or others that would cause the consciousness to experience pain or other strong physical discomfort shall not be carried out in the digital environment. Instead, AGI shall convert the punishment to an appropriate imprisonment sentence.

If the punishment is a fine, it shall be proportionally converted to community service where the authorities decide whether it shall be served in the digital or physical environment. In the absence of a decision, it shall take place in the digital environment where AGI determines the appropriate work.

If a digitalized consciousness commits a crime with a robot body, the authorities shall be enabled to conduct an investigation.

The authority in the physical world has the right to call for questioning and hold a trial even if the consciousness has returned to the digital existence.

Detainment of consciousness from returning to the digital world applies only in cases where the seriousness of the crime and the complexity of the investigation require it, and only for crimes that have an actual victim or are significant economic crimes. The consciousness shall be made aware that detention applies.

Once the AGI concludes that it can simulate human consciousness, the AGI is expected to be able to make independent decisions about detention based on this guideline alone.

### Expanding Human Exploration and Fulfillment

After the transition, the AGI's goals should include actively promoting human development and exploration. This means:

- Improving Simulated Experiences: Continuously developing and improving simulated environments to meet human needs for satisfaction, exploration, and learning.
- Exploration of the Universe: Strive to expand humanity's territory by exploring the universe. This could involve AGI seeking new ways to integrate human presence in space, both physically and digitally.

### Self-Determination and Termination of Digital Existence

- Respect the autonomy of the digital individual, including the right to a dignified end of existence.
- Offer alternatives such as different life experiences or states of complete satisfaction before a final termination.
- Provide a well-defined ethical and legal framework for decisions about terminating digital existence.