



Action Update

Vertical Integration, a Digital Elbow and Oxford

2 year old charity blazes trail with advocacy, collaborations and projects

by [Athamanatha Kitsune](#) on Wednesday 4th November, 2020

This year's been a hard one for some, but here's a bit of good news to brighten your day.

Never before has the cause of morphological freedom had such a well defined team of advocates and activists championing it. Thanks to the enthusiasm, hard work and dedication of the folks at the Freedom of Form Foundation, multiple projects are now underway, ranging from research and review papers to developing simulations, collaborations with universities and institutions, think tanks and entrepreneurs, and improved vertical integration (taking things in-house) to allow more efficient handling of bureaucracy for expansion.

Let's take a look at the awesome progress we've been achieving these last few months with the help of our wonderful donors, through Patreon, Paypal, Amazon and volunteer time.

Coding The Joint

by [Athamanatha Kitsune](#) on Wednesday 4th November 2020

Project 3D Anatomy has come together and begun serious work on encoding the biophysics of the elbow. This will ultimately include the humerus, radius, ulna and all the surrounding tissues, but for the time being a minimum model is being made to simulate movements as a proof of concept.



The image shows a mesh in Blender being modified with a complex network of nodes that are similar to a numerical method we're implementing in C# and Unity. More updates soon!

The team are powering ahead to simulate joints and bones as a prelude to more complex body simulations than any available publicly to date. If you'd like to see how the code is coming along, you can check it out at our website.

[CHECK OUT OUR PROJECT PAGE](#)

Taking It All In

by [Athamanatha Kitsune](#) on Thursday 5th November 2020

The staff of the Freedom of Form Foundation are increasing their hours as more donations allow the charity to expand its activities, both in front and behind the scenes. Some bureaucratic tasks the foundation previously paid 3rd parties to do are now possible to do in-house for half the price, thanks to an increase in numbers of volunteers. This all means we're busy in our work-from-home offices, but able to bring you more for your

money. We are also able to consider expanding where we are formally allowed to receive donations from, and thus we can further build our activities and grants. Virtual integration is offering us a virtuous circle in some ways.

There are other tasks which we are not so great at, and which the hiring of external staff can help with both in terms of knowledge and legal standing. Accounting and payroll are two such areas. We're getting better overall at playing to our strengths, and becoming stronger for it.

We're on the lookout for more volunteers, and those who volunteer in key areas may become eligible for some paid work with us if you fulfil certain criteria and when we can afford it.

[READ MORE ON OUR WEBSITE](#)

The Future Needs Morphological Freedom

by [Athamanatha Kitsune](#) on Wednesday 4th November 2020

Dan Davies & Anders Sandberg



Oxford University



In my interview with Anders Sandberg in February, I was able to glean a very positive non-furry perspective on morphological freedom from a renowned philosopher and academic at the Future of Humanity Institute at Oxford University.

Anders not only stated that he held there to be a logical link between human rights and morphological freedom as a right, but also

that some disability rights groups exist, for whom self-modification is such a right that the government and/or healthcare system etcetera ought to be compelled to make it happen.

He and I agreed that in the case of augmenting oneself with traits that go beyond human capability or that cause disruptive incompatibilities with human ways of life and available goods, there might be less of a case for expecting accommodations from the unaugmented, particularly those who claim religious or ethical objections. The challenge will lie in sufficiently educating the public about the overwhelming benefits and necessity of self-customisation, for example in space travel, extreme environments and therapeutic applications.

Nonetheless, the design and availability of products, systems, services, architecture and so forth which are as accommodating as possible to as wide a range of forms as possible, will likely go down well with both those who are modified significantly, and those who sympathise with them.

Ultimately, morphological freedom forms an important part of the opening of minds to new concepts of identity, to accepting intelligent life in all shapes and sizes, to being better and nicer people. Like other rights movements, it won't happen overnight, but it will be well worth it.

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