



Planetary Processing

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Changing the gaming industry by empowering all game developers to create massively multiplayer online games.



[Website](#)

Overview

We provide a service to small and medium game studios. We recognise the effort and cost required to launch, scale and operate online games. We offer a platform that makes creating and running large online games simple. Our product lets game developers focus on their game, while we handle the infrastructure.

The Challenge

Performing large scale simulations is extremely complex and expensive due to requiring expensive hardware and complex bespoke software. This high barrier to entry prevents any but the largest studios from being able to afford to make massively multiplayer online (MMO) games. Large studios overcame this barrier by reinvesting historic

profits while small
indie studios (which comprise ~40% of today's market) can't afford to do this.

The Solution

We build the required software once and offer it as a service to game studios. This lowers the barrier to entry that prevents small studios from participating in the MMO market. Our algorithm, developed by Sam while studying at Cambridge University, allows us to reduce the cost and increase scalability by distributing the simulation across many machines.

Publications and Patents

- Sully, S. [VoxelPopuli: A Decentralised Peer-to-Peer Voxel-Based World](#), University of Cambridge (2019-2020)

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