

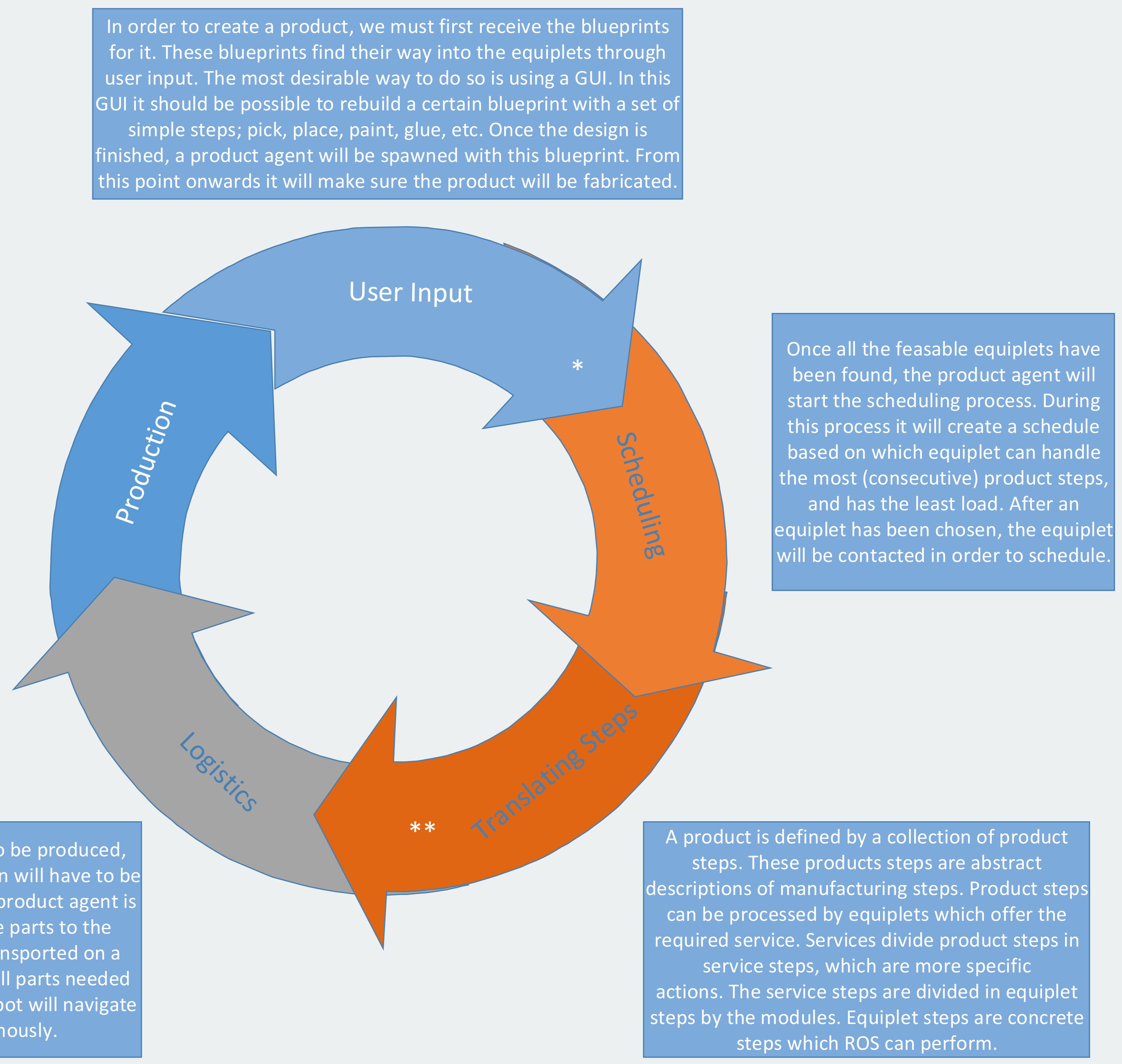
Introduction

The manufacturing lifecycle is the process a product will undergo during its production. In REXOS, Products are manufactured by taking each product through series of actions that either involve decision-making by the agents or direct execution of so called services.

Finding the Right Equiptlets *

Once the blueprint for a product is known, it is time for the system to decide where to build it. The system will start by asking each equiptlet in the grid whether it is capable of performing a particular step. The equiptlets have capabilities which are based on the modules attached and therefore the services it provides. If an equiptlet has the right capability to perform a step, it will reply to the message, confirming that it can perform that step. In the case that an equiptlet does not have the right capability, a reply will be sent to state this fact. Once the system has received replies from all the equiptlets, the scheduling process begins.

Manufacturing Cycle



Translating Steps **

