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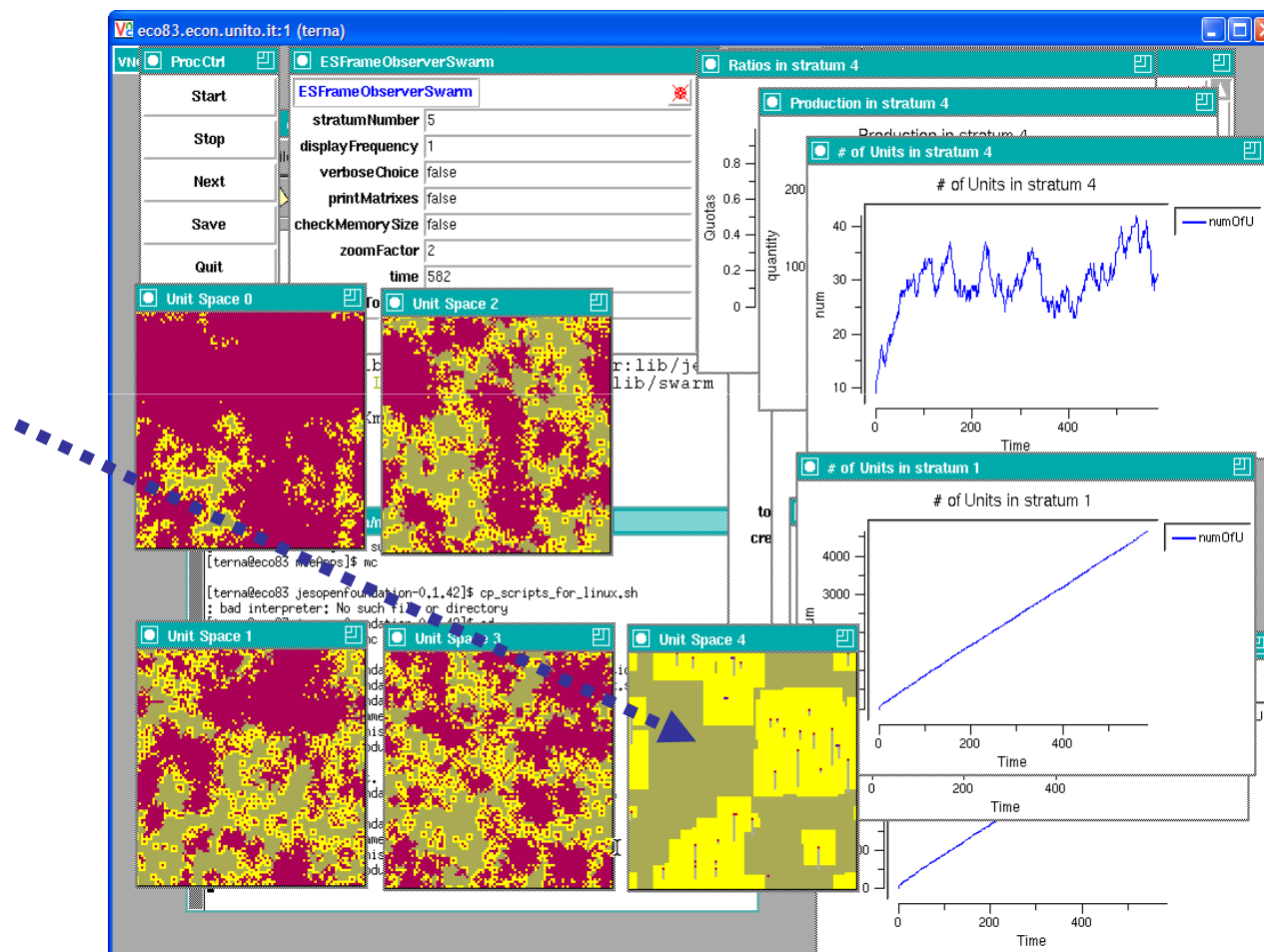
# workers-skills-firms

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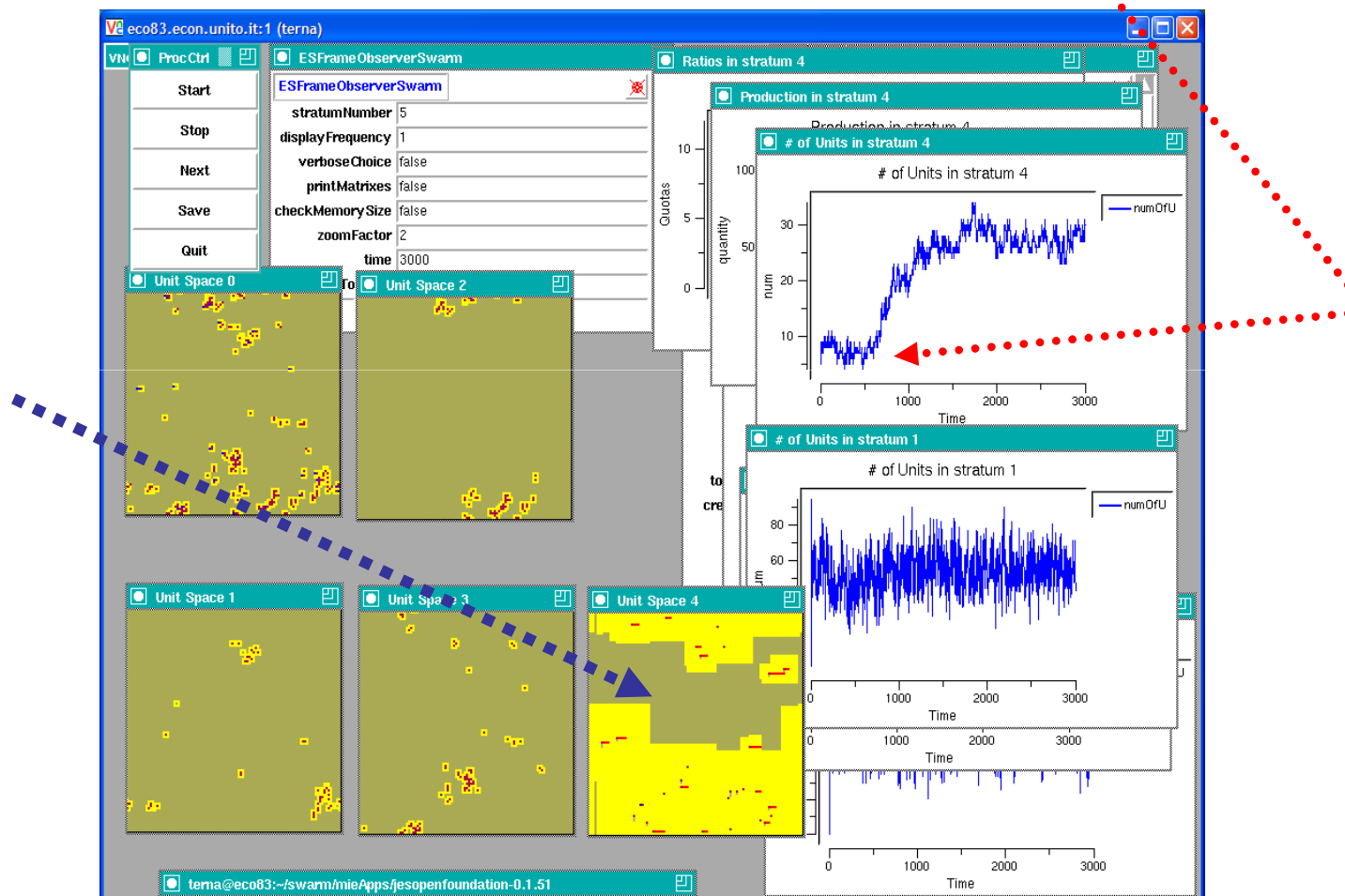
- The environment is a social space with metaphorical distances representing trustiness and cooperation among production units (the social capital). The production is represented by a sequence of orders; each order contains a recipe, i.e. the description of the sequence of activities to be done by several units to complete a specific production.
- Two units can cooperate in the production process only if they are mutually visible in our social network.
- Units that do not receive a sufficient quantity of orders, as well as the ones that cannot send the accomplished orders to successive units, disappear.
- New enterprises continuously arise, in the attempt of filling the holes of our social network. A complex structure emerges from our environment, with a difficult and instable equilibrium whenever the social capital is not sufficient.

- In a parallel way, other layers of the economic structure can evolve, always in an agent base perspective: banking system, **employment structures**, ...
- In this model the focus is related to employment: when an enterprise produces a good, the sequence of the activities must match the presence of working units with the required skills. In this context a fine grain description of the steps in the recipes is needed.
- Adequate labor units can be lacking, thus fostering the emergence of competition among production units in the hiring process.
- Products change over time; as a consequence, productions units and labor skills have to adapt continuously, with co-evolutionary effects.

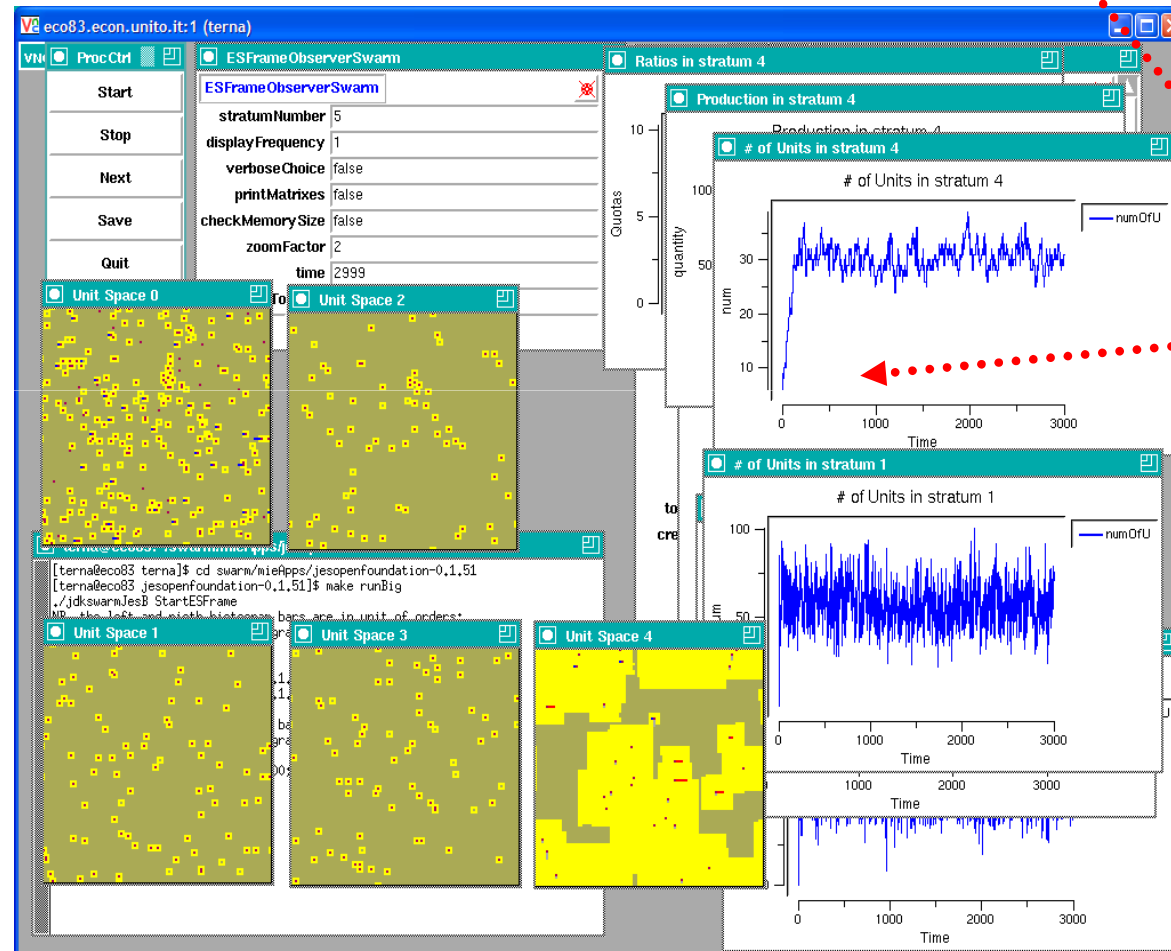
# Version 0, no links between firms and workers



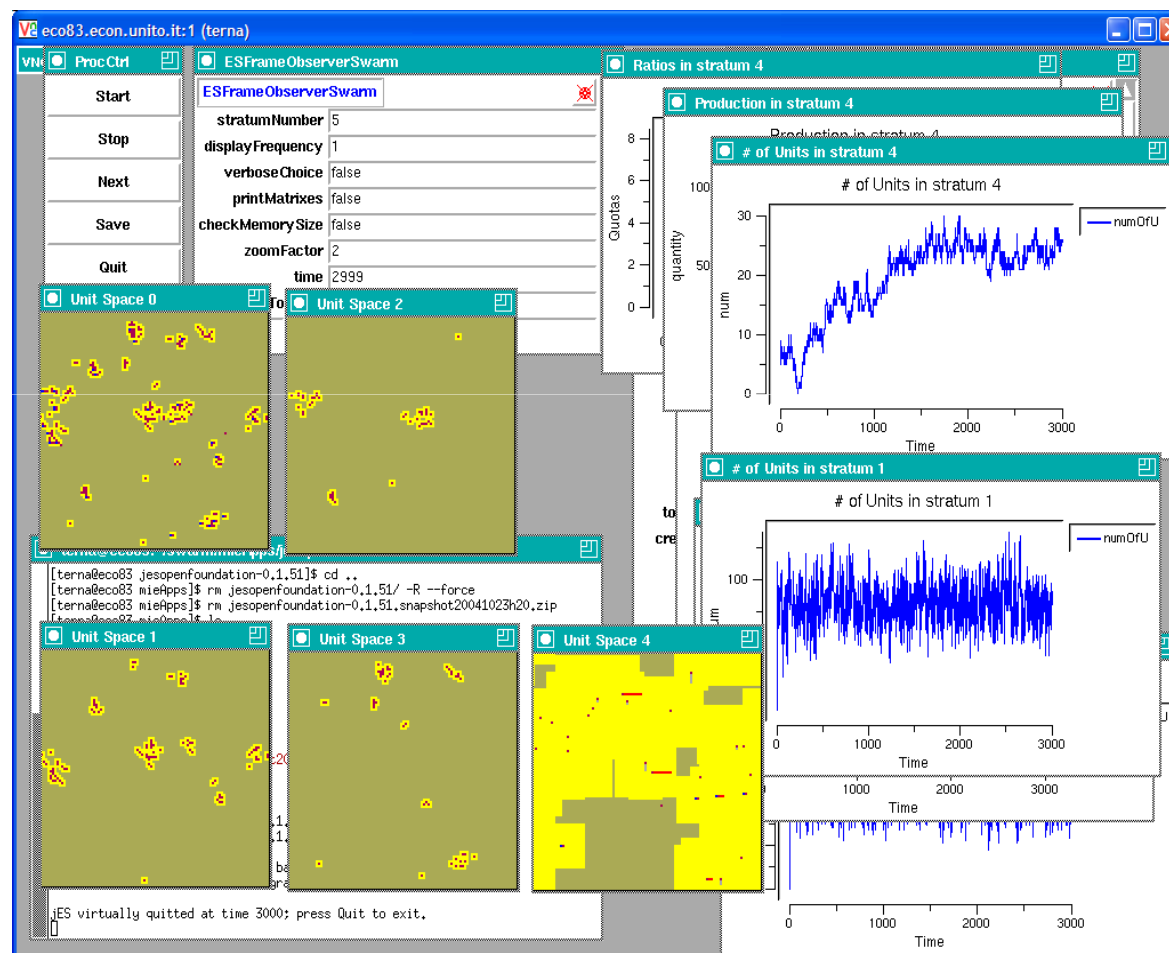
# Version 1, new workers with skills equal to that of their neighbors



# Version 2, new workers with skills randomly distributed in the stratum space



# Version 3, new workers with skills equal to that of their neighbors, but arising in unequal quantities



# Version 4, new workers with skills randomly distributed in the stratum space, but arising in unequal quantities

