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|  | **Elements of the ODD protocol** |
| **Overview** | **1. Purpose and patterns** |
| **2. Entities, state variables, and scales** |
| **3. Process overview and scheduling** |
| **Design concepts** | **4. Design concepts**   * **Basic principles** * **Emergence** * **Adaptation** * **Objectives** * **Learning** * **Prediction** * **Sensing** * **Interaction** * **Stochasticity** * **Collectives** * **Observation** |
| **Details** | **5. Initialization** |
| **6. Input data** |
| **7. Submodels** |