Running an Aerie simulation requires an adaptation that describes effects of activities over modeled states, and a plan file that declares a schedule of activity instances with specified parameters. A plan file must be created with respect to an adaptation file, since activities in a plan and their parameters are validated against activity type definitions in the adaptation.

Aerie takes the adaptation and the plan file as inputs and executes a simulation. Simulation currently returns all states declared in the adaptation at a parameterized sampling rate. The simulation results format will be improved in upcoming releases. In later releases of Aerie will also return constraint violation results.

Here's a summary workflow to getting a simulation result from Aerie. 1. Install Aerie services following instructions on Product Guide 2. Create an Aerie adaptation following the instructions on Developing an Adaptation page. 3. Upload the adaptation to the adaptation service through Planning Web GUI or CLI-Command Line Interface. 4. Create a plan with the adaptation using again the Planning Web GUI or CLI 5. Trigger simulation via either interfaces listed above.

Details of each step are described in their respective pages.