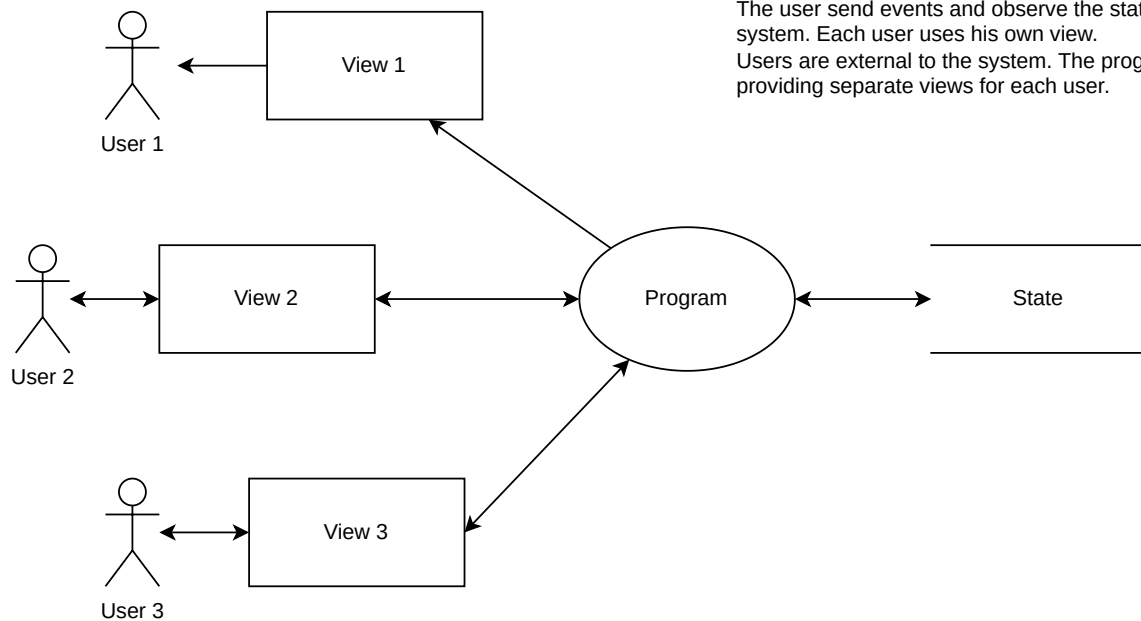


Context

We have a system with 3 example users. One user is only observing the system. The other users observe the system and provide input.



Data Flow

The user send events and observe the state of the system. Each user uses his own view. Users are external to the system. The program is providing separate views for each user.

System Consistency Requirements

- At any point in time the system has only 1 state. The system must maintain the integrity of the state.
- At a point in time the system needs to present the same state to all users.
- Any user can raise an event at any point in time. Events may trigger the system to change the state.
- No 2 events arrive at the program at the same time.
- The sequence of arrival must be obeyed. It defines the change of the state.

These requirements are valid at all times for all systems.

System Change Requirements

1. The number and type of user may change. This affects the number of views.
2. Content of view and content of event may change. This affects the content of the views and maybe the content of the state.

The system must be only minimal affected by these changing requirements.