

Template Client Process (?)

Should user-agent-execute take id variable binding as input with "template" plans? No, input is just a URI.

1. Given an occurrence and a target state, lookup current state and generate ("ground"?) plan to put resource into target state. Rather, generate a sequence of affordance names to follow.
2. Given a process, (current? and) target state, find a "template" plan, possibly including CREATE-POST-rsg-index.

Based on transition system and current state, one can calculate the links and forms (affordances). The client could calculate the affordances, but web architecture would prefer the server calculates the affordances.

Example

Input URI is /index#p, a singleton process with one occurrence (one state).

Is INITIAL-0/INITIAL-id a precondition of the plan? Do we need to check for states via READ?

- current resource = /index#p
- READ current resource
- follow the CREATE-POST-rsg-index-201 form
- current resource = location header of response
- READ current resource
- follow the CREATE-PUT-ready-id-200 form
- READ current resource
- follow the CREATE-PUT-set-id-200 form
- done

Affordances

Transitions have names (e.g., CREATE-PUT-ready-id-201, DELETE-rsg-id-410). Affordances consist of transition names, e.g., DELETE-rsg-id-410, that are associated with interactions, e.g., (DELETE /rsg/0, 410).

The client knows to invoke DELETE-rsg-id-410 and gets the concrete interaction (DELETE /rsg/0, 410) via the occurrence representation from the server.