



**Clojure Grams**

@clojuregrams

Following



Functions are like ponds. It is easier to see from one side to the other than it is to see all the way down to the bottom. Therefore, deep and narrow call stacks are harder to understand than wide and shallow ones.

1:52 PM - 13 Sep 2018

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1



2



```
(defn create-org-with-plan! [{:keys [site api-key]} org-id org-name {:keys [plan-id addons] :as plan }]
  (let [form-params {:customer {:id org-id
                                :company org-name
                                :auto_collection "off"}
                    :plan_id plan-id
                    :addons (addons-to-params addons)}}]
```

```
  (try+
    (:body
      (http/post (site-url site "/api/v1/subscriptions")
                  {:basic-auth api-key
                   :form-params form-params
                   :as :json}))
    (catch Object _
      (log/error (:throwable &throw-context) "unexpected error")
      (throw+ {:type :ardog/chargebee-integration
                :message "Failed creating org with plan"}))))))
```

```
(defn estimate-price! [{:keys [site api-key]} plan-id addon-id writers readers]
  (let [form-params {:subscription {:plan_id plan-id}
                    :addons {:id {1 addon-id}
                              :quantity {1 writers}}}]
```

```
    (:body
      (http/post (site-url site "/api/v1/estimates/create_subscription")
                  {:basic-auth api-key
                   :form-params form-params
                   :as :json}))))
```