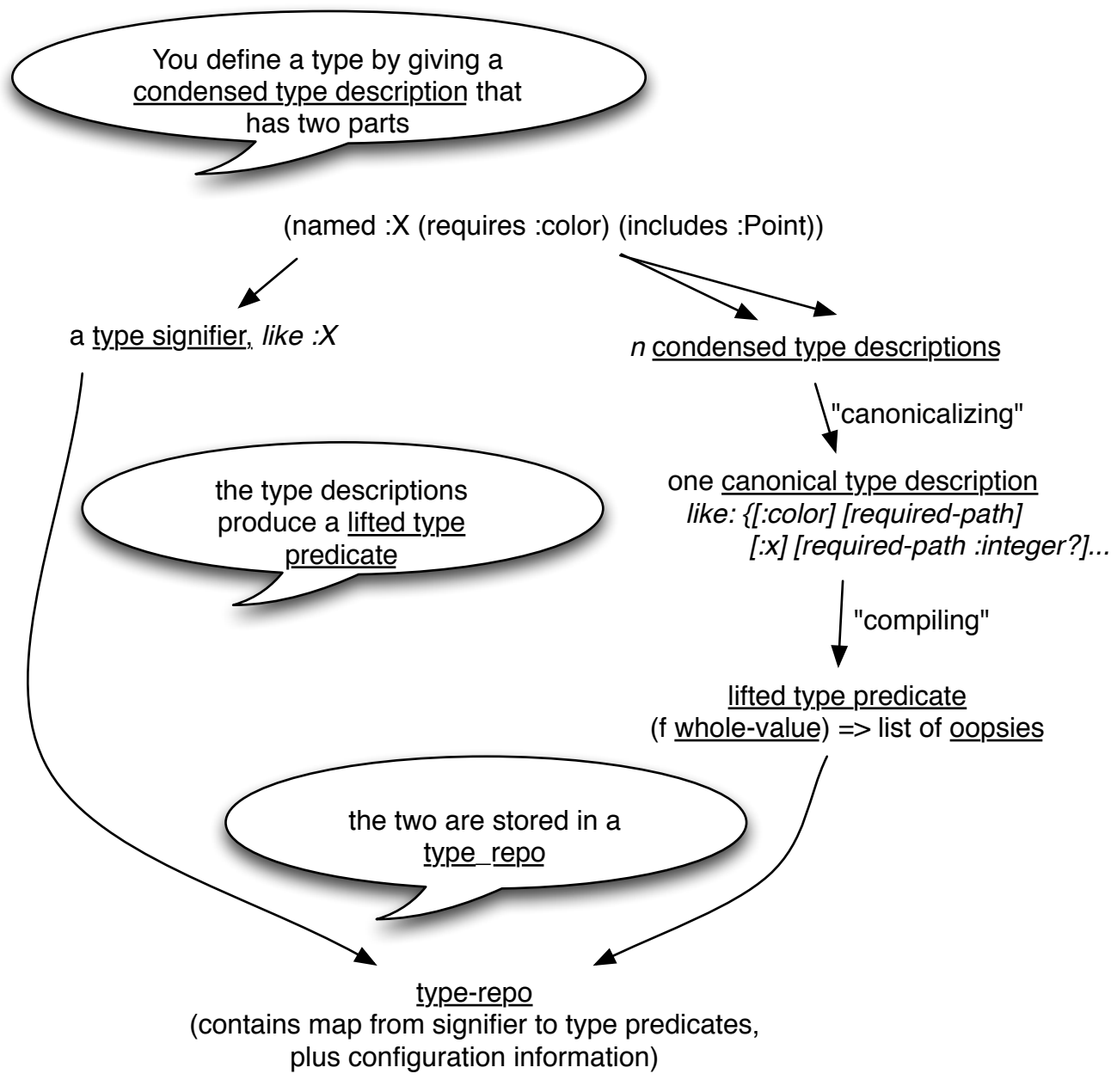

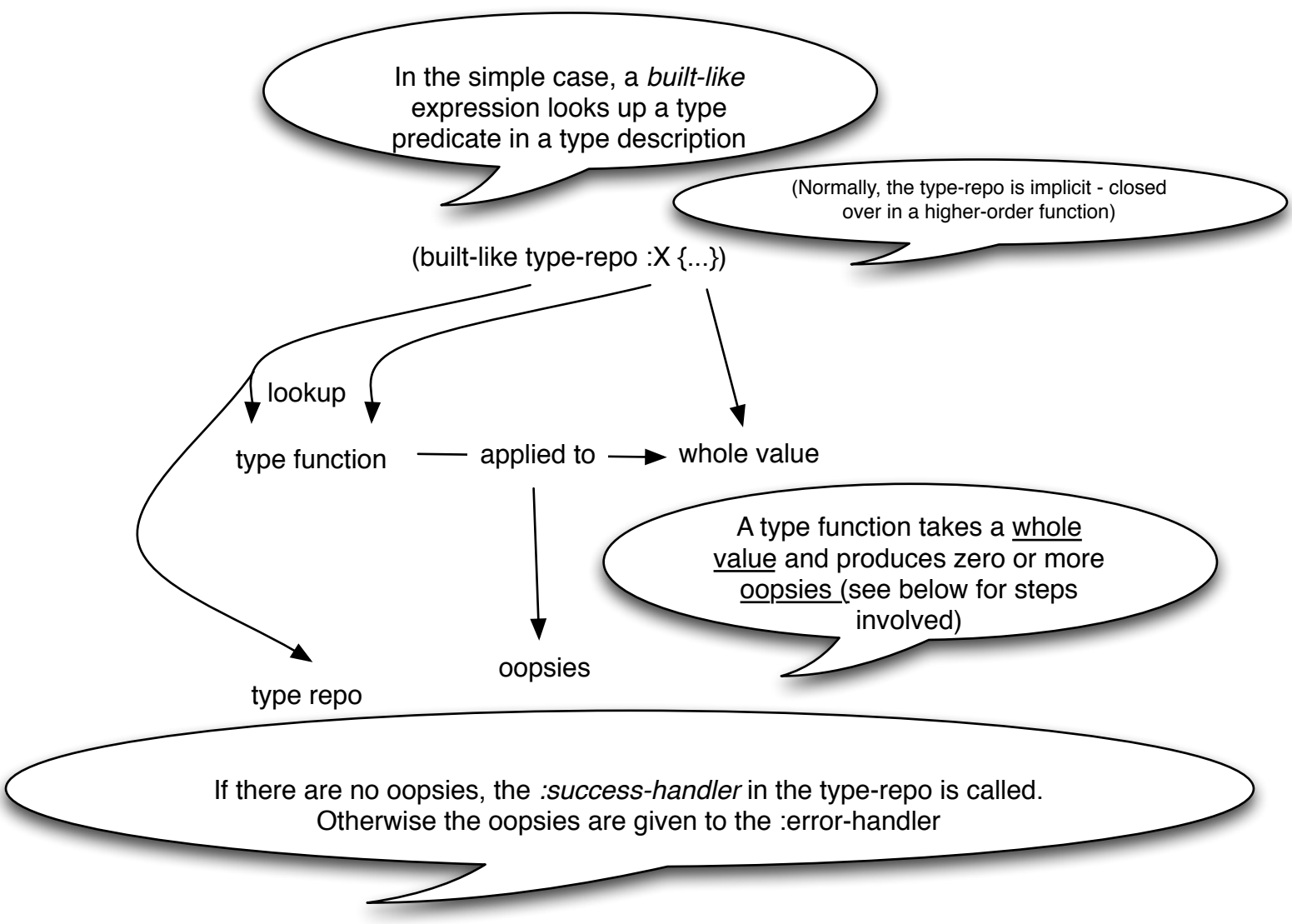

AN OOPSIE:
the path to the bad part of the whole value (like [:points 3])
the whole value itself
the leaf value (the bad part) (like "-80.34")
an explainer that can turn the oopsie into text
string name of the predicate that failed (like "integer?
" or "(member [1 2 3])"
... other less important stuff ...

By default, each oopsie's explainer is given the oopsie and produces text like "[:points 3] should be `integer?`; it was `-80.34`"

Other diagrams omitted. However, a more involved case lets you make an "anonymous" type, which is "canonicalized" and "compiled" the same way has the named type.

That's a hint that those should live together (to be fancy, are a "bounded context"). That could be *later* added to the diagram like this: