M < Unique S Query-handler name List_dir sexp-of-contig config of sexp teinternal-state create: config -> t eval: $t \rightarrow Sexp.t \rightarrow$ Sexp. t Orenort Q: Query-handler config Query-handler-instance fun: build_instance Quey-handler this: Ruen hand ler. t L: Dueny-handler-instance handler: Quey-handler_instance list tun: build-dispatch-table table: name -> I table name-ond-equip: Sexp-t tun: dispatch query tormat:

name - and - equry

query tormat:

(query-name, query)

name -> table :-> I I. eval I. this query & eval query Start cli table print mg Continue Sexp. of_string Contine (OK res) -> disportch Continue (Error msg) 'Continue (Emor msg) Stop M Loader unique_instance name list_dir_instance Config Sexp-of-config

Contig- of-Sexp fun: create (know: module list active: [] fun: load t name config not-exists exists not-known Q: Queny-handler
Emor Msq instance add name instance to t. active unload name not in active Loader other

Loader vernove name from tactive

type request =

I boad name config 1 Unload name 1 Known - services Active - services eral t query Load -> bad Unload -> unload Known-services > known -> sempt Unknown services -> active -> sexp.t

A module define some values and some methods on these values

the core value is t

config-of-sexp -> config -> create -> t

expose

expose

Query-handler and Query-handler-instance Class and Object

fun rum

louder = create all-known - Query-handle-module list loueler-Instance < { loader loader

Add loader_instance to loader, active

cli loader.active

S: Query_handler Query-handler-instance unique M: Unique build Loader

add now incodule

when the chis runing List-dir > instance > Name config

to extend STC.ml compile

like utop #load

load Unload

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