

Time 1727434848.9488947

hyperon_source_dir .././hyperon-experimental/lib/src/
prolog_source_dir ../canary/
metta_std_lib_dir ../canary/
search_metta_files_dir ../tests/
search_metta_files_else_where_dir ../tests/extended_compat/metta-examples/
examples_source_dir .././metta-examples-main/
python_source_dir .././hyperon-experimental/python/
metta_python_source_dir .././hyperon-experimental/python/

	function	Rust	Prolog	Occurs in metta-files	Has metta-files	Has @doc	@doc TYPE decl	Num of metta-test	Has metta-testf
1	bind!	yes	yes	233	['04_prompt_call']	has @doc	(: bind! (-> Symbol %Undefined% (->)))	1	['use-one-server']
2	car-atom	yes	yes	34	[basic]	has @doc	(: car-atom (-> Expression Atom))	6	[first_answer]
3	case	yes	yes	177	['00_lang_case']	has @doc	(: case (-> Expression Atom Atom))	40	['00_lang_case']
4	cdr-atom	yes	yes	24	[bug]	has @doc	(: cdr-atom (-> Expression Expression))	13	[stdlib_mettalog_test]
5	change-state!	yes	yes	51	[creation]	has @doc	(: change-state! (-> (StateMonad \$tcs) \$tcs (StateMonad \$tcs)))	3	[or_test]
6	collapse	yes	yes	103	['00_lang_case']	has @doc	(: collapse (-> Atom Atom))	35	['00_lang_case']
7	format-args	yes	yes	10	['string-tests']	has @doc	(: format-args (-> String Atom String))	10	['string-tests']
8	get-metatype	yes	yes	46	[bc_comp]	has @doc	(: get-metatype (-> Atom Atom))	2	[stdlib_mettalog_test]
9	get-state	yes	yes	73	[creation]	has @doc	(: get-state (-> (StateMonad \$tgs) \$tgs))	11	[define_if_like]
10	get-type	yes	yes	253	['03-soring-via-insert']	has @doc	(: get-type (-> Atom Type))	16	[f1_imports]
11	get-type-space	yes	yes		has no metta	has @doc	(: get-type-space (-> Atom Atom Atom))		has no metta test
12	import!	yes	yes	355	['01_basic_chatgpt']	has @doc	(: import! (-> hyperon::space::DynSpace Atom (->)))		has no metta test
13	include	yes	yes	13	[prover]	has @doc	(: include (-> Atom Atom))		has no metta test
14	intersection	yes	yes	56	[base_test_repr_parse_intersection]	has @doc	(: intersection (-> Atom Atom Atom))	5	[base_test_repr_parse_intersection]
15	let*	yes	yes	218	['DeductionEntailTest']	has @doc	(: let* (-> Expression Atom Atom))	41	['backward-chainer-xp']
16	new-state	yes	yes	133	[creation]	has @doc	(: new-state (-> \$tnso (StateMonad \$tnso)))	8	[e2_states]
17	pragma!	yes	yes	171	['DeductionDTLTest']	has @doc	(: pragma! (-> Atom Atom (->)))	1	[stdlib_mettalog_test]
18	register-module!	yes	yes		has no metta	has @doc	(: register-module! (-> Atom (->)))		has no metta test
19	sealed	yes	yes	23	[chapter_1_3_2]	has @doc	(: sealed (-> Expression Atom Atom))	10	[sealed_test]
20	subtraction	yes	yes	18	[constructive]	has @doc	(: subtraction (-> Atom Atom Atom))		has no metta test
21	trace!	yes	yes	15	[bc-xp]	has @doc	(: trace! (-> %Undefined% \$a \$a))	1	[stdlib_mettalog_test]
22	union	yes	yes	29	[constructive]	has @doc	(: union (-> Atom Atom Atom))	1	[represent_and_parse_tests]

23	unique	yes	yes	18	[constructive]	has @doc	(: unique (-> Atom Atom))		has no metta test
24	add-atom	yes		540	['04_prompt_call']	has @doc	(: add-atom (-> hyperon::space::DynSpace Atom (->)))	3	['add-remove-match-integer']
25	capture	yes			has no metta	has @doc	(: capture (-> Atom Atom))		has no metta test
26	cons-atom	yes			has no metta	has @doc	(: cons-atom (-> Atom Expression Expression))		has no metta test
27	flip	yes		2	[flip_test]	has @doc	No type @doc	2	[flip_test]
28	get-atoms	yes		67	['00_lang_case']	has @doc	(: get-atoms (-> hyperon::space::DynSpace Atom))	37	['add-remove-match-float']
29	git-module!	yes			has no metta	has @doc	(: git-module! (-> Atom (->)))		has no metta test
30	match	yes		524	['00_lang_case']	has @doc	(: match (-> hyperon::space::DynSpace Atom Atom %Undefined%))	70	['00_lang_case']
31	mod-space!	yes			has no metta	has @doc	(: mod-space! (-> Atom hyperon::space::DynSpace))		has no metta test
32	new-space	yes		22	['add-atom-naive-fib']	has @doc	(: new-space (-> hyperon::space::DynSpace))		has no metta test
33	print-mods!	yes			has no metta	has @doc	(: print-mods! (-> (->)))		has no metta test
34	println!	yes		6	[chapter_1_3_2]	has @doc	(: println! (-> %Undefined% (->)))		has no metta test
35	remove-atom	yes		45	['add-remove-match-float']	has @doc	(: remove-atom (-> hyperon::space::DynSpace Atom (->)))	15	['add-remove-match-float']
36	call!		yes	2	[compiler_walkthru]	NO @doc	No type @doc	2	[compiler_walkthru]
37	call-cleanup!		yes	2	[file-output']	NO @doc	No type @doc		has no metta test
38	call-fn!		yes		has no metta	NO @doc	No type @doc		has no metta test
39	call-fn-nth!		yes	1	[compiler_walkthru]	NO @doc	No type @doc	2	[compiler_walkthru]
40	call-string!		yes		has no metta	NO @doc	No type @doc		has no metta test
41	catch		yes	17	[catch_throw_tests]	has @doc	(: catch (-> Atom Atom Atom Atom))	15	[catch_throw_tests]
42	chain		yes	54	['00_lang_ok_to_redefine']	has @doc	(: chain (-> Atom Variable Atom Atom))	21	[stdlib_mettalog_test]
43	charstostring	yes		4	['string-tests']	has @doc	(: charsToString (-> Expression String))	4	['string-tests']
44	coerce		yes	6	['rule-base']	NO @doc	No type @doc		has no metta test
45	collapse-bind		yes	2	[stdlib_mettalog_test_pt2]	has @doc	(: collapse-bind (-> Atom Atom)) ; We specialize but leaving the old defs in case	1	[stdlib_mettalog_test_pt2]
46	compile!		yes	21	[bc_comp]	NO @doc	No type @doc		has no metta test
47	compile-space!		yes	1	[let_superpose_list]	NO @doc	No type @doc		has no metta test
48	concurrent-forall!		yes		has no metta	NO @doc	No type @doc		has no metta test
49	concurrent-maplist!		yes	3	[builtins]	has @doc	(: concurrent-maplist! (-> Function Expression Expression))		has no metta test
50	cons		yes	497	['00_lang_ok_to_redefine']	has @doc	;(: cons (-> Atom Atom Atom))	56	['03-soring-via-insert']
51	countelement		yes		has no metta	NO @doc	No type @doc		has no metta test
52	decons		yes		has no metta	has @doc	;(: decons (-> Atom Atom))		has no metta test

53	decons-atom	yes	20	[stdlib_mettalog_test]	has @doc	(: decons-atom (-> Expression Expression))	14	[stdlib_mettalog_test]
54	echo	yes	8	[basic_direct_call]	NO @doc	No type @doc	2	[basic_script_call]
55	eval-for	yes	1	['use-two-servers']	NO @doc	No type @doc	1	['use-two-servers']
56	extend-py!	yes	14	[example1]	NO @doc	No type @doc		has no metta test
57	filter-atom	yes	6	[stdlib_mettalog_test]	has @doc	(: filter-atom (-> Expression Variable Atom Expression))	6	[stdlib_mettalog_test]
58	findall!	yes	7	[find_all_tests]	has @doc	(: findall! (-> Expression Expression Expression))	7	[find_all_tests]
59	foldl-atom	yes	8	[stdlib_mettalog_test]	has @doc	(: foldl-atom (-> Expression Atom Variable Variable Atom Atom))	8	[stdlib_mettalog_test]
60	fromnumber	yes	479	['DeductionImplicationDirectIntroductionDTLTest']	NO @doc	No type @doc	12	['NumTest']
61	function	yes	24	['01_basic_chatgpt']	has @doc	(: function (-> Atom Atom))	1	[compiler_walkthru]
62	function-arity	yes		has no metta	has @doc	(: function-arity (-> Symbol Number))		has no metta test
63	get-types	yes		has no metta	NO @doc	No type @doc		has no metta test
64	hyperpose	yes	62	[builtins]	NO @doc	No type @doc	60	['cml-unshared']
65	if-equal	yes	4	['00_lang_ok_to_redefine']	has @doc	No type @doc		has no metta test
66	if-unify	yes		has no metta	has @doc	(: if-unify (-> Atom Atom Atom Atom %Undefined%))		has no metta test
67	include!	yes	1	[stdlib_mettalog_test]	NO @doc	No type @doc		has no metta test
68	length	yes	6	[fast_mu]	NO @doc	No type @doc	2	[stdlib_mettalog_test]
69	limit	yes	11	[first_answer]	NO @doc	No type @doc	1	[first_answer]
70	limit!	yes		has no metta	NO @doc	No type @doc		has no metta test
71	load-ascii	yes	3	['pln-xp']	NO @doc	No type @doc		has no metta test
72	load-file!	yes	1	[graphml_test]	NO @doc	No type @doc		has no metta test
73	make_list	yes		has no metta	NO @doc	No type @doc		has no metta test
74	map-atom	yes	8	[stdlib_mettalog_test]	has @doc	(: map-atom (-> Expression Variable Atom Expression))	8	[stdlib_mettalog_test]
75	maplist!	yes	5	[functional_programming_tests]	has @doc	(: maplist! (-> Function Expression Expression))	5	[functional_programming_tests]
76	max-time	yes		has no metta	NO @doc	No type @doc		has no metta test
77	max-time!	yes		has no metta	NO @doc	No type @doc		has no metta test
78	no-rtrace!	yes		has no metta	NO @doc	No type @doc		has no metta test
79	number-of	yes	1	[test_spo_116378]	NO @doc	No type @doc	1	[test_spo_116378]
80	offset	yes	1	[sparql_functions_test]	NO @doc	No type @doc		has no metta test
81	offset!	yes		has no metta	NO @doc	No type @doc		has no metta test
82	output-to-string	yes		has no metta	NO @doc	No type @doc		has no metta test

83	parse	yes	18	[base_test_repr_parse_intersection]	has @doc	(: parse (-> String Atom))	17	[base_test_repr_parse_intersection]
84	pred-intersection	yes	3	[intersection_tests]	NO @doc	No type @doc		has no metta test
85	pred-subtraction	yes		has no metta	NO @doc	No type @doc		has no metta test
86	pred-union	yes		has no metta	NO @doc	No type @doc		has no metta test
87	pred-unique	yes		has no metta	NO @doc	No type @doc		has no metta test
88	predicate-arity	yes	1	[compiler_walkthru]	has @doc	(: predicate-arity (-> Symbol Number))	1	[compiler_walkthru]
89	print	yes	81	['07_dialog']	has @doc	No type @doc	10	[or_test]
90	profile!	yes		has no metta	NO @doc	No type @doc		has no metta test
91	py-atom	yes	19	[fs]	NO @doc	No type @doc		has no metta test
92	py-dict	yes	7	[requests]	NO @doc	No type @doc		has no metta test
93	py-dot	yes	3	[requests]	NO @doc	No type @doc		has no metta test
94	py-eval	yes		has no metta	has @doc	(: py-eval (-> String PyObject))		has no metta test
95	py-list	yes	11	[fs]	has @doc	(: py-list (-> Expression PyObject))		has no metta test
96	py-tuple	yes		has no metta	NO @doc	No type @doc		has no metta test
97	repr	yes	8	[base_test_repr_parse_intersection]	has @doc	(: repr (-> Atom String))	3	[base_test_repr_parse_intersection]
98	return	yes	11	['00_lang_ok_to_redefine']	has @doc	(: return (-> Atom Returntype))	4	[stdlib_mettalog_test_pt2]
99	rtrace!	yes	3	[b3_direct]	NO @doc	No type @doc	1	[e2_states]
100	rust	yes	2	[compileme]	NO @doc	No type @doc		has no metta test
101	rust!	yes		has no metta	NO @doc	No type @doc		has no metta test
102	save-space!	yes		has no metta	NO @doc	No type @doc		has no metta test
103	sequential	yes	28	[add_atom_match]	NO @doc	No type @doc	9	[add_atom_match]
104	setup-call-cleanup!	yes		has no metta	NO @doc	No type @doc		has no metta test
105	stringtochars	yes	7	['string-tests']	has @doc	(: stringtochars (-> String Expression))	7	['string-tests']
106	superpose-bind	yes	1	[stdlib_mettalog_test_pt2]	has @doc	(: superpose-bind (-> Expression Atom))	1	[stdlib_mettalog_test_pt2]
107	switch	yes	13	['00_lang_ok_to_redefine']	has @doc	(: switch (-> %Undefined% Expression Atom))	5	[stdlib_mettalog_test]
108	throw	yes	2	[catch_throw_tests]	has @doc	(: throw (-> Atom ErrorType))		has no metta test
109	time!	yes		has no metta	NO @doc	No type @doc		has no metta test
110	trace	yes	1	[stdlib_mettalog_test]	NO @doc	No type @doc	1	[stdlib_mettalog_test]
111	transfer!	yes	11	[benchmark]	NO @doc	No type @doc		has no metta test
112	type-cast	yes	30	['00_lang_ok_to_redefine']	has @doc	(: type-cast (-> Atom Atom Atom Atom))	28	[stdlib_mettalog_test]

113	unify		yes	60	['Unify']	has @doc	(: unify (-> Atom Atom Atom Atom %Undefined%))	25	[stdlib_mettalog_test]
114	with-output-to!		yes		has no metta	NO @doc	No type @doc		has no metta test