

Appendix F: cProfile Results

5734699185 function calls (5734048712 primitive calls) in 5485.638 CPU seconds

Ordered by: standard name

ncalls	tottime	percall	cumtime	percall	filename:lineno(function)
1	0.009	0.009	5485.638	5485.638	<string>:1(<module>)
1	0.000	0.000	0.000	0.000	capitalization_unify.py:5(<module>)
1	0.000	0.000	0.000	0.000	factotum_globals.py:10(GlobalClass)
3	0.000	0.000	0.000	0.000	factotum_globals.py:17(__init__)
11500	0.033	0.000	0.033	0.000	factotum_globals.py:23(unique_name)
1	0.000	0.000	0.000	0.000	factotum_globals.py:4(<module>)
1	0.000	0.000	0.000	0.000	factotum_lex.py:10(LexException)
47596	2.658	0.000	2.748	0.000	factotum_lex.py:114(str)
1	0.000	0.000	0.000	0.000	factotum_lex.py:12(LexFacts)
2	0.000	0.000	0.000	0.000	factotum_lex.py:18(__init__)
47596	0.429	0.000	3.429	0.000	factotum_lex.py:24(breakup_fact)
1	0.003	0.003	0.003	0.003	factotum_lex.py:4(<module>)
168312249	180.564	0.000	260.985	0.000	fcheck.py:141(isDescendant)
412399764	331.440	0.000	449.581	0.000	fcheck.py:273(isTerminalSymbol)
412371930	683.703	0.000	3803.405	0.000	fcheck.py:281(matchTerminalSymbol)
1	1.167	1.167	5485.607	5485.607	fcheck.py:32(<module>)
55668/27834	972.748	0.017	5342.630	0.192	fcheck.py:353(parseRD_Facts)
4327	0.522	0.000	0.961	0.000	fcheck.py:474(input_typedef)
7688/3604	0.398	0.000	0.682	0.000	fcheck.py:516(f_tracePath)
1	0.373	0.373	1.312	1.312	fcheck.py:552(fcheck_types)
34433	0.091	0.000	0.091	0.000	fcheck.py:606(isPredef)
1	0.011	0.011	76.954	76.954	fcheck.py:61(check_vocab)
6599	0.074	0.000	1.057	0.000	fcheck.py:634(check_predef)
1	19.828	19.828	57.862	57.862	fcheck.py:702(first_pass)
1	0.000	0.000	0.000	0.000	fcheck.py:71(add_predef_rules)
1	3.773	3.773	5484.430	5484.430	fcheck.py:822(fact_checker)
1	0.168	0.168	2.582	2.582	fcheck.py:86(go_thru_factFile)
1	0.000	0.000	0.001	0.001	linecache.py:13(getline)
1	0.000	0.000	0.001	0.001	linecache.py:33(getlines)
1	0.000	0.000	0.001	0.001	linecache.py:68(updatecache)
1	0.091	0.091	24.249	24.249	predpar.py:1003(firstPass)
1	0.382	0.382	76.943	76.943	predpar.py:1063(parse_vocab)
2337053	4.871	0.000	4.871	0.000	predpar.py:197(check_regex)
152714	0.088	0.000	0.088	0.000	predpar.py:214(check_repeat)
120251	0.039	0.000	0.042	0.000	predpar.py:233(update_TypeTree)
76357	0.063	0.000	0.063	0.000	predpar.py:274(needs_sec_check)
1	0.004	0.004	0.011	0.011	predpar.py:3(<module>)
560341/26287	18.498	0.000	38.472	0.001	predpar.py:308(parseGrammar)
1	0.001	0.001	0.001	0.001	predpar.py:516(check_types)
75881	0.075	0.000	0.131	0.000	predpar.py:739(findInstanceInTree)
75881/11711	0.503	0.000	0.815	0.000	predpar.py:751(getTermSyms)
13124	25.532	0.002	31.663	0.002	predpar.py:833(add_fcheckDictEDIT)
47596	3.989	0.000	18.251	0.000	predpar.py:871(tokenize_pred_string)
1	0.059	0.059	1.164	1.164	predpar.py:957(go_thru_file)
233789545	256.378	0.000	2726.503	0.000	re.py:134(match)
13177	0.010	0.000	0.042	0.000	re.py:188(compile)
233802722	385.421	0.000	2235.280	0.000	re.py:229(_compile)
22	0.000	0.000	0.002	0.000	sre_compile.py:178(_compile_charset)
22	0.001	0.000	0.002	0.000	sre_compile.py:207(_optimize_charset)
151	0.000	0.000	0.000	0.000	sre_compile.py:24(_identityfunction)
11	0.000	0.000	0.001	0.000	sre_compile.py:258(_mk_bitmap)
19694074/19687301	79.984	0.000	109.094	0.000	sre_compile.py:32(_compile)
6664	0.023	0.000	0.046	0.000	sre_compile.py:354(_simple)
19687301	349.100	0.000	605.144	0.000	sre_compile.py:361(_compile_info)
39396366	30.861	0.000	37.751	0.000	sre_compile.py:474(isstring)

19687301	57.902	0.000	774.061	0.000	sre_compile.py:480(_code)
19698183	107.459	0.000	1694.472	0.000	sre_compile.py:495(compile)
37584	0.021	0.000	0.027	0.000	sre_parse.py:126(__len__)
2	0.000	0.000	0.000	0.000	sre_parse.py:128(__delitem__)
40284	0.063	0.000	0.100	0.000	sre_parse.py:130(__getitem__)
6664	0.003	0.000	0.003	0.000	sre_parse.py:134(__setitem__)
84250549	49.441	0.000	67.400	0.000	sre_parse.py:138(append)
19700738/19693965	144.623	0.000	168.057	0.000	sre_parse.py:140(getwidth)
19698183	23.776	0.000	63.226	0.000	sre_parse.py:178(__init__)
143341219	155.167	0.000	182.860	0.000	sre_parse.py:182(__next)
19694261	9.707	0.000	9.707	0.000	sre_parse.py:195(match)
123642900	79.094	0.000	222.504	0.000	sre_parse.py:201(get)
22	0.000	0.000	0.000	0.000	sre_parse.py:225(_class_escape)
29405	0.125	0.000	0.154	0.000	sre_parse.py:257(_escape)
19698188/19698183	50.229	0.000	559.775	0.000	sre_parse.py:301(_parse_sub)
19698287/19698184	198.848	0.000	490.102	0.000	sre_parse.py:379(_parse)
19698183	96.609	0.000	762.907	0.000	sre_parse.py:663(parse)
19698183	16.440	0.000	16.440	0.000	sre_parse.py:67(__init__)
5	0.000	0.000	0.000	0.000	sre_parse.py:72(opengroup)
5	0.000	0.000	0.000	0.000	sre_parse.py:83(closegroup)
19704956	14.044	0.000	14.044	0.000	sre_parse.py:90(__init__)
8571	0.005	0.000	0.016	0.000	string.py:281(split)
38902	0.022	0.000	0.049	0.000	string.py:308(join)
95192	0.051	0.000	0.093	0.000	string.py:364(rfind)
47596	0.032	0.000	0.069	0.000	string.py:471(expandtabs)
1	0.000	0.000	0.001	0.001	warnings.py:24(_show_warning)
1	0.000	0.000	0.001	0.001	warnings.py:36(formatwarning)
19687301	30.036	0.000	30.036	0.000	{_sre.compile}
233778663	234.878	0.000	234.878	0.000	{built-in method match}
1	0.022	0.022	5485.629	5485.629	{execfile}
61338525	20.524	0.000	20.524	0.000	{isinstance}
1220947722/1220941045	154.288	0.000	154.291	0.000	{len}
104	0.000	0.000	0.000	0.000	{max}
698598921	131.980	0.000	131.980	0.000	{method 'append' of 'list' objects}
196873	7.195	0.000	7.195	0.000	{method 'clear' of 'dict' objects}
2	0.000	0.000	0.000	0.000	{method 'close' of 'file' objects}
1	0.000	0.000	0.000	0.000	{method 'disable' of '_lsprof.Profiler' objects}
1	0.000	0.000	0.000	0.000	{method 'endswith' of 'str' objects}
47596	0.037	0.000	0.037	0.000	{method 'expandtabs' of 'str' objects}
39761388	19.018	0.000	19.018	0.000	{method 'extend' of 'list' objects}
69018972	22.330	0.000	22.330	0.000	{method 'find' of 'str' objects}
402173811	146.543	0.000	146.543	0.000	{method 'get' of 'dict' objects}
99078	0.071	0.000	0.071	0.000	{method 'index' of 'list' objects}
37457	0.037	0.000	0.037	0.000	{method 'insert' of 'list' objects}
19687301	4.659	0.000	4.659	0.000	{method 'items' of 'dict' objects}
40378	0.028	0.000	0.028	0.000	{method 'join' of 'str' objects}
416899359	121.361	0.000	121.361	0.000	{method 'keys' of 'dict' objects}
47598	0.049	0.000	0.049	0.000	{method 'readline' of 'file' objects}
1	0.000	0.000	0.000	0.000	{method 'readlines' of 'file' objects}
6332	0.004	0.000	0.004	0.000	{method 'remove' of 'list' objects}
168315565	154.538	0.000	154.538	0.000	{method 'replace' of 'str' objects}
95192	0.042	0.000	0.042	0.000	{method 'rfind' of 'str' objects}
13023	0.022	0.000	0.022	0.000	{method 'split' of 'str' objects}
1	0.000	0.000	0.000	0.000	{method 'startswith' of 'str' objects}
168540383	42.431	0.000	42.431	0.000	{method 'strip' of 'str' objects}
55669	0.508	0.000	0.508	0.000	{method 'write' of 'file' objects}
39388252	23.434	0.000	23.434	0.000	{min}
5	0.039	0.008	0.039	0.008	{open}
84246558	13.928	0.000	13.928	0.000	{ord}
1	0.000	0.000	0.000	0.000	{posix.stat}
13156	0.008	0.000	0.008	0.000	{range}