

AZ-Prolog Ver.6 for Windows **性能評価**

カテゴリ : 性能評価

投稿情報 : 投稿者: [Admin](#) 掲載日: 2010-3-24

SWI-Prolog 64bitバージョン最新版との性能比較

日本でも広く使われているSWI-Prolog 64bitバージョン最新版との性能比較です。

[[[AZ-Prolog vs SWI-Prolog Benchmark]]]
 ??? (CPU=Core i7 920, OS=Windows Vista 64bit)

* SWI-Prolog (Multi-threaded, 64 bits, Version 5.7.14)
 ?? Copyright (c) 1990-2009 University of Amsterdam.

* AZ-Prolog? (64 bits, Version 6.4) Build by MS C++ SDK v6.1
 ?? Copyright (C) SOFNEC CO., LTD. 1987-2009?

%%
 [14 Queens All Solutions]

	?	AZ-Prolog
	SWI-Prolog	
	Parallel ? FullCompiled Code:	
3.8 sec		N/A
	Sequential ? FullCompiled Code:	
16.2 sec		N/A
	Sequential ? AbstractMachine Code:	
77.3 sec		184.9 sec

%%
 [Nrev 30elements List-reverse*100000]

	?	AZ-Prolog
	SWI-Prolog	
	Sequential ? FullCompiled Code:	
57.8 MLips		N/A
	Sequential ? AbstractMachine Code:	
26.5 MLips		9.8 MLips

%%%

[Pentomino(By M.Akita) All Solutions]

	?	AZ-Prolog
	SWI-Prolog	
6.8 sec	Parallel ? FullCompiled Code:	N/A
8.6 sec	Parallel ? AbstractMachine Code:	N/A
22.9 sec	Sequential ? FullCompiled Code:	N/A
28.3 sec	Sequential ? AbstractMachine Code:	45.9 sec