
Subject: Re: getting structure elements by tag name string

Posted by [dscherba](#) on Thu, 09 Jan 2003 19:55:15 GMT

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In article <3E1DAF62.487FB29F@hotmail.com>, Pavel A. Romashkin wrote:

> arrays? They do create indices, true, but still they serch them somehow,
> and that is fast. I'd say the speed is size-dependent, but it doesn't
> seem to be linearly proportional.

Different database systems use different methods, but all of them are sub-linear in some sense (if they weren't, there would be little point in indexing). Common methods are hash tables (essentially constant lookup), and various search trees (balanced k-ary search trees have a lookup time of $O(\log n)$). In the real world(tm) things get a bit messier, but that's the idea.

As for the original query, I have been known to use the EXECUTE() function to get my structure elements by tag string.

Regards,
David
