
Subject: Re: Some 'missing' string functions
Posted by [mdelfede](#) on Sat, 26 Jan 2008 13:06:25 GMT
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luzr wrote on Fri, 25 January 2008 23:09Quote:
find_first_not_of(), find_first_of(), find_last_not_of()

BTW, do you know whether STL somehow optimizes these?

I am rather thinking about adding "Filter" variant here...

```
void FindFirst(int (*filter)(int c), int from = 0)
```

you'd need also

```
void FindFirst(int (*filter)(char *s), int from = 0)
```

as std:: has also such functions. For example :

```
int i = s.find_first_not_of("ab", 5)
```

gives the index of first character in s starting from index 5 which is neither 'a' nor 'b'.
That's useful to skip some character in a line, used for example in Astyle to skip spaces and tabs :

```
int i = s.find_first_not_of(" \t", 5)
```

The filter idea is not bad at all, and you could also add some wrapper for simpler cases.

BTW, another stuf I think is missing is a constant that is returned when no match is found. std:: uses string::npos, which should have a value of -1 but makes code reading easier.

Ciao

Max
