
Subject: Re: Esc: how to convert from string to number (or integer)?

Posted by [fudadmin](#) on Fri, 05 May 2006 16:16:12 GMT

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luzr wrote on Fri, 05 May 2006 13:37fudadmin wrote on Fri, 05 May 2006 07:52If that not exists, then I'll try to write in EscStdLib... It might be more useful later?

It might be. I think, as long as there is to_string, there likely should be some sort of atoi (or to_int)?

Go on, do it, post here, I will add it to EscStdLib. (actually, it will be about 5 lines

Mirek

```
//in EscStdLib.cpp
//aris +8lines
void ESC_to_number(EscEscape& e)
{
    if(e[0].isArray()){
        String s=e[0];
        double d = ScanDouble(s);
        e = e[0].ToNumber(d);
    }
}
//...

void StdLib(ArrayMap<String, EscValue>& global)
{
    Escape(global, "is_number(value)", ESC_is_number);
    Escape(global, "is_array(value)", ESC_is_array);
    Escape(global, "is_map(value)", ESC_is_map);
    Escape(global, "is_void(value)", ESC_is_void);
    Escape(global, "int(value)", ESC_int);
    Escape(global, "to_string(value)", ESC_to_string);
//aris +1 line
    Escape(global, "to_number(value)", ESC_to_number);

//...
//in Esc.h
double      GetNumber() const    { return IsNumber() ? number : 0; }
bool        IsInt() const;
int         GetInt() const;
//aris +1 line
double      ToNumber(double n)  { Free(); number=n; type = ESC_NUMBER; return n;}
```

10lines=2*5lines ...

I was lazy to go into the details and haven't tested it extensively. But it works for me...

Is it correct from your point of view?
