

inVRs - Feature #25
improve printf logging

10/19/2010 11:09 AM - sam g

Status:	Closed	Start date:	10/19/2010
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Resolution:	fixed		
Description			
<p>currently only the printf is available, which can only print the severity and the log message.</p> <p>it would be easier to write such log messages, if a macro, which uses __FILE__, __LINE__,... would be there.</p> <p>Another possibility would be the use of a standard logging framework like log4cxx or boost.log</p>			

History

#1 - 11/28/2010 06:24 PM - sam g

```
define STR_(S) #S
define STR(S) STR_(S)
define PRINTD(STATUS, FMT, ...) printf(STATUS, __FUNCTION__ ":" STR(__LINE__) " : " FMT, ##__VA_ARGS__)
```

would work, without any change in the printf function itself.

```
usage: PRINTD("init\n")
```

#2 - 12/22/2010 08:54 PM - sam g

sam g wrote:

```
[...]

would work, without any change in the printf function itself.

usage: PRINTD("init\n")
```

but only on WINDOWS systems, because gcc interprets __FUNCTION__ as a variable, thus concatenating is more difficult.

#3 - 06/12/2011 04:02 PM - sam g

- Resolution set to fixed

done in branches/inVRs_OSG

new macros:

```
#define PRINTD(STATUS, FMT, ...)
#define PRINTD_I(FMT, ...)
#define PRINTD_W(FMT, ...)
#define PRINTD_E(FMT, ...)
#define PRINTD_D(FMT, ...)
```

#4 - 06/14/2011 10:32 AM - sam g

- *Status changed from New to Closed*