

darktable - Bug #12294

Default value in Lua Preferences behavior issues

08/14/2018 11:42 PM - Philippe Weyland

Status:	Fixed	Start date:	08/14/2018
Priority:	Low	Due date:	
Assignee:	Jérémy Rosen	% Done:	100%
Category:	Lua	Estimated time:	0.00 hour
Target version:	2.6.0		
Affected Version:	git master branch	bitness:	64-bit
System:	Windows	hardware architecture:	amd64/x86

Description

1. I see an inconsistent and/or strange behaviour depending on the presence or not of preferences.read before preferences.register in my code.

2. Double click to reset to default value doesn't work.

1.1. Code without preferences read before preferences register

```
dt.preferences.register("module_OpenInApp", "bin_path", -- name
    "file", -- type
    'OpenInApp: Application location', -- label
    'Location of Application executable', -- tooltip
    '(Not Set)' -- default
)
```

In dt, value is set to '(None)' which makes sense but doesn't correspond to the set default value.

See attached file "Without_pref_read.png"

After exiting dt I get this line in darktable.rc:

```
lua/module_OpenInApp/bin_path=C:\Users\philippe\ (Not Set)
```

With dt 2.4.4 I get

```
lua/module_OpenInApp/bin_path= (Not Set)
```

1.2. Code with preferences read before preferences register

```
bin_path = dt.preferences.read("module_OpenInApp", "bin_path", "file")
dt.preferences.register("module_OpenInApp", "bin_path", -- name
    "file", -- type
    'OpenInApp: Application location', -- label
    'Location of Application executable', -- tooltip
    '(Not Set)' -- default
)
```

In dt, value is set to 'Philippe', i.e. my user folder, which can make sense but doesn't correspond to the set default value nor to get executable files.

See attached file "With_pref_read.png"

After exiting dt I get this line in darktblerc (same with 2.4.4):

```
lua/module_OpenInApp/bin_path=
```

History

#1 - 08/16/2018 01:05 PM - Tobias Ellinghaus

- % Done changed from 0 to 100
- Status changed from New to Fixed

The double click reset should be working now. Thanks for reporting.

#2 - 08/16/2018 06:23 PM - Philippe Weyland

Thanks Tobias. Double click reset works now.

But the default behaviour remains a bit strange and prevents to initialize properly the plugin. I think that before any change or after reset we should always get a predictable value (as the default one (Edit: or nil value as, per principle, before registering dt doesn't know the default value)). This is not the case.

After a reset I see the following values. Hopefully the default value is included, so that manageable.

- darktblerc: lua/module_OpenInApp/bin_path=C:\Users\philippe\ (Not Set)
- preferences read: LUA pref bin_path C:\Users\philippe\ (Not Set)

Here is what I get the first time I activate the plugin.

Without read before register:

- darktblerc: lua/module_OpenInApp/bin_path=(Not Set) Which is the actual default value.

With a read before register

- darktblerc: lua/module_OpenInApp/bin_path=
- preferences read: LUA pref bin_path

If I open lua preferences without making any change the values become the following:

Without read before register:

- darktblerc: lua/module_OpenInApp/bin_path=C:\Users\philippe\ (Not Set)

With a read before register

- darktblerc: lua/module_OpenInApp/bin_path=C:\Users\philippe
- preferences read: LUA pref bin_path C:\Users\philippe

#3 - 08/24/2018 09:51 AM - Roman Lebedev

- Target version set to 2.6.0

Files

With_pref_read.png	6.75 KB	08/14/2018	Philippe Weyland
Without_pref_read.png	6.22 KB	08/14/2018	Philippe Weyland