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Subject: Installation instructions for R3BRoot with UCESB

Posted by [Ralf Plag](#) on Tue, 12 Jan 2016 12:38:32 GMT

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Hi All,

do we already have installation instructions for the installation with UCESB?

Also I'm wondering: is root 6 required or optional?

Cheers,

Ralf

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Subject: Re: Installation instructions for R3BRoot with UCESB

Posted by [Dmytro Kresan](#) on Tue, 12 Jan 2016 14:30:08 GMT

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Hi Ralf,

No, we do not yet have them. Only installation instructions of UCESB itself (in the documentation). Bastii, could you please write a "book" page on the r3broot website, in the Installation menu?

The plan was to have ROOT 6 optional only in FairSoft version "nov15", and (probably) next one - to allow a smooth transition. At some point there will be no ROOT 5 in FairSoft. It means for the new things we started to write it is better to use ROOT 6.

Cheers,

Dima

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Subject: Re: Installation instructions for R3BRoot with UCESB

Posted by [Bastian Löher](#) on Fri, 15 Jan 2016 12:19:44 GMT

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Hi,

I can certainly write some documentation covering the following:

- Installation of ucesb & experiment specific unpacker
- Environment configuration for R3BROOT installation

I also should update the documentation here:

[https://github.com/R3BRootGroup/R3BRoot/blob/dev/r3bsource/README\\_ucesb.md](https://github.com/R3BRootGroup/R3BRoot/blob/dev/r3bsource/README_ucesb.md)

Is that what you meant?

Right now I am quite busy with a report on our finished project, so let me know how urgent this is.

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Subject: Re: Installation instructions for R3BRoot with UCESB  
Posted by [Dmytro Kresan](#) on Sun, 17 Jan 2016 13:57:53 GMT  
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Hi Bastian,

no problem, next week I will take over update of installation instructions on the website. You can cross-check afterwards whether changes are correct.

I have only one obstacle - which repository location do I provide for UCESB and experiment unpackers?

Cheers,  
Dima

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Subject: Re: Installation instructions for R3BRoot with UCESB  
Posted by [Ralf Plag](#) on Mon, 18 Jan 2016 07:47:50 GMT  
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Hi Bastii,

the README is a good starting point and explains already the installation of ucesb.  
The basic installation of R3Broot is described on the website.

What is missing, in my opinion is:

- checking out the dev version of R3Broot
- using GCC4.8.4 including the magic three commands:  
module use /cvmfs/it.gsi.de/modulefiles/  
module load compiler/gcc/4.8.4  
export CXX=g++
- making sure ucesb is found
- hacking away the Makefile error
- using root 6
- (plus the obstacles that I already forgot...)

Also I'm unsure about which OS versions and which machines at GSI can and should be used.

These are mostly R3Broot related things, so maybe Dima is the better candidate for the documentation?

Cheers,  
Ralf

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Subject: Re: Installation instructions for R3BRoot with UCESB  
Posted by [Dmytro Kresan](#) on Mon, 18 Jan 2016 08:46:07 GMT  
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Hi Ralf,

I will add the items you mentioned to the website. Do you agree that it is better to update existing installation page, instead of creating extra URL?

What do you mean by "- hacking away the Makefile error"? Please post the error message here.

Cheers,  
Dima

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Subject: Re: Installation instructions for R3BRoot with UCESB  
Posted by [Dmytro Kresan](#) on Mon, 18 Jan 2016 09:01:44 GMT  
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Hi Ralf,

Now I recall. If you mean your previous thread to "External packages" forum, then please test whether the same issue appears when specifying `-DUSE_PATH_INFO=TRUE` to the cmake options of R3BRoot. The best is to try with a fresh build directory.

Cheers,  
Dima

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Subject: Re: Installation instructions for R3BRoot with UCESB  
Posted by [Ralf Plag](#) on Mon, 18 Jan 2016 09:07:23 GMT  
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Hi Dima,

I was referring to the error that a non-standard compiler is used.  
The cmake stops but actually already suggests a fix: adding some option to the cmake command.  
If this option is applied once, it remembers it the next time and then runs fine (without explicitly setting the option).

Cheers,  
Ralf

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Subject: Re: Installation instructions for R3BRoot with UCESB  
Posted by [Bastian Löher](#) on Mon, 18 Jan 2016 10:24:10 GMT  
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Dima,

as of now no git repository for the ucesb base components exists. Therefore one will have to check out from CVS as written in the README. The git repository for the experiments (upexps)

is now much more up to date than the CVS repository.

So here goes:

Ucesb base:

```
cvs -d :ext:land@lxgs08.gsi.de:/u/johansso/CVS co unpacker
```

Experiments:

```
git clone lx-pool.gsi.de:/u/johansso/upexps
```

Of course it would be nice to have this on a more public location, but this is still a work in progress.

Until then one might think of making tarballs.

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Subject: Re: Installation instructions for R3BRoot with UCESB

Posted by [MarcLabiche](#) on Thu, 14 Apr 2016 13:28:39 GMT

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Bastian

"lxgs08.gsi.de" seems no longer accessible from outside.

Instead I had to use "lx-pool.gsi.de" to access the ucesb unpacker, the unpackexps and upexps.

Cheers,

Marc