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Subject: Re: Proposal: Transition from SVN to GIT within 2020.1 release cycle  
Posted by [Klugier](#) on Sat, 02 Nov 2019 17:56:06 GMT

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Hello mr\_pred,

Thank you for your feedback! I decided to delete these two new repositories uppsrc and example. The reason for that is that we should think what is the best approach of handling the git move. As I told in the previous post submodules gave us some overhead and it doesn't allow to modify submodule A and B in the same commit. For example if you want to modify uppsrc and fix example in the same time. It is not possible with this approach when we assume that uppsrc and examples are different sub-modules.

I list the size of the mirror repository (It weights around 710 Mb which is quite huge number):

```
8,5M  ./upptst
3,5M  ./examples
71M   ./uppbox
5,5M  ./autotest
91M   ./uppsrc
5,0M  ./rainbow
362M  ./git
1,2M  ./tutorial
153M  ./bazaar
4,3M  ./reference
88K   ./autotst
9,9M  ./benchmarks
1,1M  ./archive
714M  .
```

For me the reasonable move is to create new repository without the history of the mirror (.git directory weights around 300 MB) and make decision of removing some code from there. I think bazaar is the good candidate of moving to separate sub-module especially that there is no dependency to the bazaar from other modules. All other directories will be part of the repository without sub-modules. I am aware that we will lose the history, but we will reduce the size of main repo by 300Mb+, which will give us quite reasonable repo size. So, here is the strategy:

```
8640  ./upptst
3516  ./examples
72592 ./uppbox    // <- UppWeb weights around 62 Mb, so I think it is good candidate for
submodule with the link
5544  ./autotest
92692 ./uppsrc
5068  ./rainbow
369812 ./git
1148  ./tutorial
155900 ./bazaar    // <- Will be moved to separate repository without the link...
```

4388 ./reference  
88 ./autotst // <- Do we need it anyway, it is similar to autotest, should be unified in new repository  
10060 ./benchmarks  
1052 ./archive // <- I think it can be removed from new repo  
730508 .

And then if you want to contribute, all you need to do is clone this repository update uppsrc directory and other assemblies as you want. After that you can simply create branch make changes and create pull request to the main repository.

Mirek, please let me know what do you think about this updated strategy. I can create the preview, but maintaining it for the long time doesn't have much sense.

Sincerely,  
Klugier

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