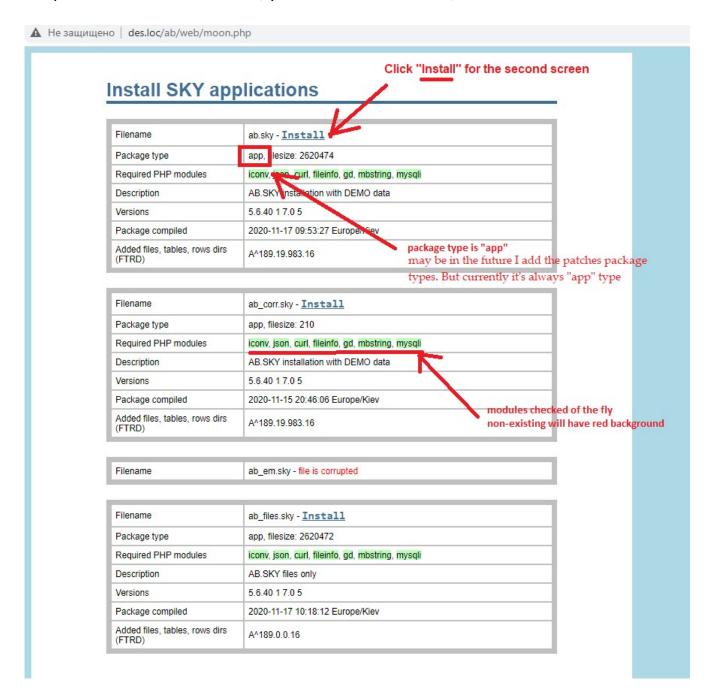## How to install AB.SKY and import data from AB Standard:

Installation in the sub-directory:
1. create a directory (any name) for example `absky`
/path-to-the-apache-web-directory../absky
2. and create one more directory (any name) for example `public`
/path-to-the-apache-web-directory../absky/public
3. copy two files (extract `moon.php` and `ab.sky`) from **absky.zip** to the last directory, so you can run moon.php similar to:
http://absolutebusy.net/absky/public/moon.php
4. open this link in the browser, you will see the screen1, similar to:
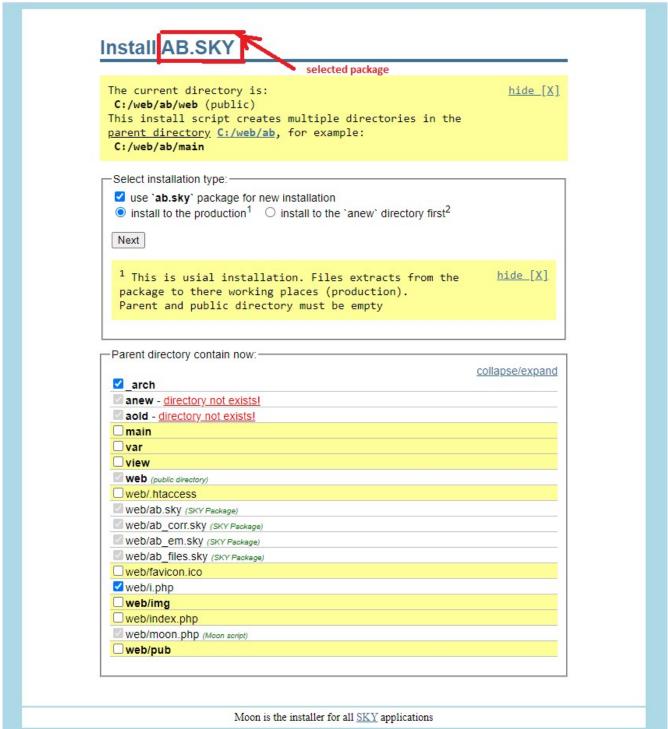

first screen – list available packages and show it's header information. For example I can compile empty AB package and AB app with demo data.
On that page we can select **which** package to install

5. select which package to install (in the absky.zip one only package, but I want just demonstrates: moon's first page can show **many** packages). **Click "install" link**
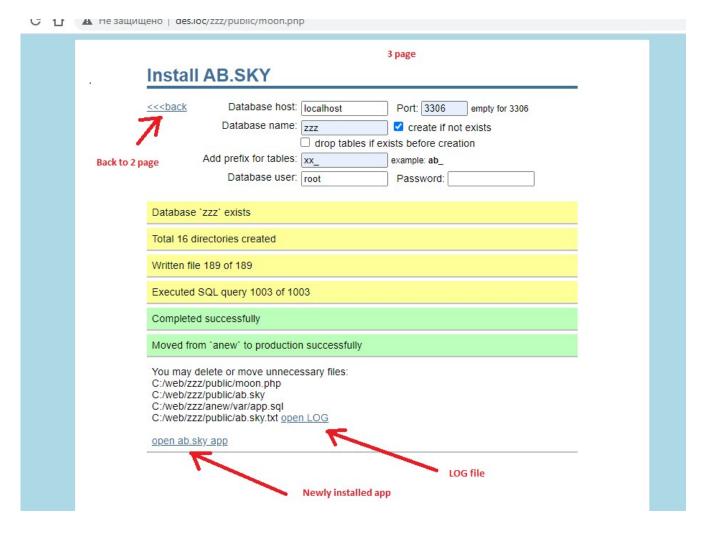
6. you will see second page. On the second screen we can choose installation type and browse the parent directory…

Installation type: just use settings by default and click "next" button.
Other installations types used for quick rollback to previous version, if new installation is not successful. This may required if user updates already existing web-site in the production with new version. Other installations types will describe detailed in other document.

7. screen 3: database access form
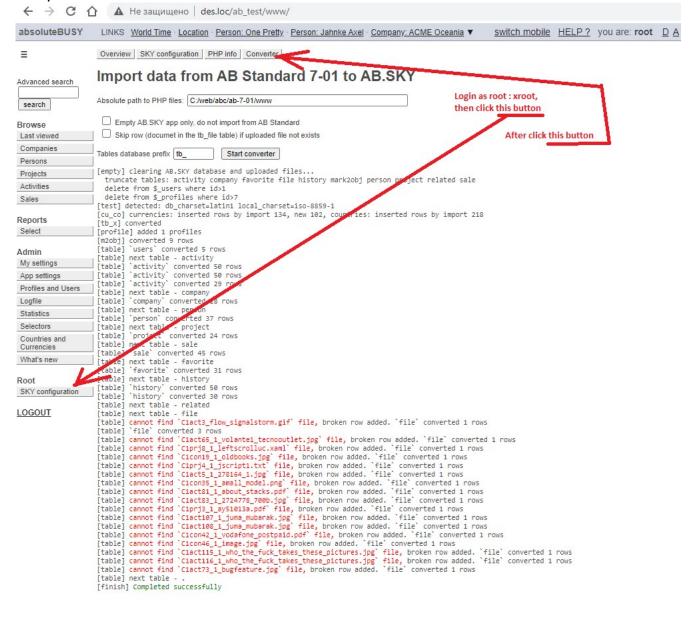

Fill the form. Type <u>the same database name</u> where AB Standard installed, but use <u>another table's prefix</u> (type any different name for example `xx_`) if you will convert data from AB Standard to AB.SKY application. Click "Start" button.

If installation successful open log file in the new Chrome (browser) tab. Use contexts-menu "open link in the new tab". Then run AB.SKY app, click "open ab.sky app"

Enter to AB.SKY with login : password
root : xroot

8. Open converter:

Fill the form: type AB Standard's tables prefix (usually `tb_`) and type absolute path to PHP files (usually path to www folder), click "Start converter"

Converter do not change AB Standard installation and **use "read only"** operations for it. Do **not used update-delete-move** for AB Standard installation.

It's enough for non-secure installation on the development home PC. If you want to do secure installation in the Internet server, read the following:

Secure installation:

For example you have a domain `absolutebusy.net`….
[1] create a sub-domain **or alias** for the `absolutebusy.net` for example `sky.absolutebusy.net`
[2] create a virtual apache web-server for `sky.absolutebusy.net`
 and configure it to `public` directory…

for [1] – open provider's control panel for the domain (edit DNS records),
click "edit records (A, MX, CNAME, TXT)"
Add record type A – enter sub-domain `sky`, type IP address where installation will hosts.
Note: global DNS updates can takes up to 72 hours…

for [2] – it's depends which rights you have on the server or/and provider's control panel. If you have root access to the server, you may edit apache's configuration file `httpd-vhosts.conf` add virtual server, then <u>restart</u> apache:

```
<VirtualHost *:80>
  DocumentRoot "/web/path-to-the-dirs/absky/public"
  ServerName   sky.absolutebusy.net
  DirectoryIndex index.php
  <Directory "/web/path-to-the-dirs/absky/public">
     Options Indexes FollowSymLinks Includes ExecCGI
     AllowOverride All
     Require all granted
  </Directory>
</VirtualHost>
```

If you use XAMPP on the Windows PC, you found that file at:
…xampp-folder/apache/conf/extra/httpd-vhosts.conf
<u>Note:</u> if you want do this configuration on the home Windows PC, you must also edit file C:\Windows\System32\drivers\etc\hosts . Add a string something like this:
127.0.0.1   test.host
test.host – is the local domain name. You can open it in browser as http://test.host/

Case 2: I don't have root access on the server where coresky.net hosts and my web-site one of 1000. But in the hosting control panel I click "create a new web-site" and enter domain name "ab.coresky.net" (you should enter similar way - sky.absolutebusy.net). Then I create a folder "public" using FTP, edit web-server directory to "public" using web-interface, copy ab.sky and moon.php files here and start installation.

When I use provider's web-interface, the backend do the same – edit httpd-vhosts.conf file for me and restart apache.