

{Profile Capture}

Photo Uploader New Generation

Specifications

V1.0

Version	Date	Redactor	Modification
0.1	12/03/2012	Laura BG	Creation
0.2	04/04/2012	Laura BG	Reorder Subs + Change the wording when photo is validated (3.4)
0.3	11/04/2012	Laura BG	Correction on close layer (3.3.6.2) Correction max width=300px (3.3.2)
0.4	26/04/2012	Laura BG	Perimeter for Sub1 Sub2 : photo manager on 'myprofile' page
0.5	15/05/2012	Laura BG	Update delete album photos - confirmation message 4.6.2.5.3 + Display photos (add camera button) : 4.6.1.1.1 + 4.6.2.3 + Add icon moderation 4.6.1.1.3 + Title clickable 4.7.1 + 4.8.2
0.6	22/05/2012	Laura BG	Add a confirmation message after move a photo 4.6.1.7.3
0.7	31/05/2012	Laura BG	Add Specific case: delete last validated photo 4.7.3 + Detail click zone for browsing the album 4.7.4
0.8	06/06/2012	Laura BG	Add exception after reloading the page on 4.6.1.4
0.9	08/06/2012	Laura BG	Add specifications for webcam on 4.8.2
1.0	12/06/2012	Laura BG	Add error messages for Sub2: 4.6.3 + 4.6.4 + 4.7.8.1

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1 Presentation

The Applet photo that we have today is a unique feature used on all V6 sites. It enables to upload a photo & manage the photo in the Profile Capture Tunnel & on My Profile page.

Photo is key to a quality profile and will trigger activity. Users are more attracted to interact with a member they can see in a photo.

The current photo applet in Flash is quite complex to maintain because the code is very old and was not properly structured and thought: we can't modify quickly the display (color, text or position of a button) and we have a lack of resources who master this technology. Therefore if we want to improve or change something in the applet, it's very expensive.

The JS version of our photo applet that exists today does not benefit from all the features of the applet: no rotation possible, no drag, photo size limited to 1Mo, no zoom [...].

And the last point is that flash is not supported on most Touch Pads & is becoming less used as web technologies move forward. Only 99,94% of our members do not have flash.

1.1 Objectives

- Create a new photo upload manager, faster & more user friendly
- Increase the rate of validated photos on site to impact activity
- Avoid drops on the photo page in the sign up tunnel
- Develop a mechanism easier to maintain and modify.
- Adapt to new browsers

1.2 Key Analytics

- % photos sent to Customer care
- % validated by Customer care.
- If possible we will follow with CC the quality of the photos received, for example if they have more photos that need rotating...
- % of Portrait photos versus Album photos
- Global events generated thanks to more complete profiles
- Conversion rate
- Where on site did the user upload

1.3 Today's constraints

- We have currently 34 million photos in DB (Dating)
- 30 000 photos are uploaded every day
- The size of 1 photo big + thumbnail represent **38Kb** (roughly)
- 15-20% of photos moderated by customer care are uploaded from the photo page in the signup
- The current limit of the size of the photo when flash is disabled (JS version) is 1Mb
- On the flash applet version photo file sizes must not be bigger than 5Mb and for quality purposes, the image size must be at least 105x105 pixels.

2 Subdivisions

We will review step by step the upload photo mechanism, here's the prio of the project:

2.1 Sub1: Upload link in Profile capture: new component

Add a new link on all pages of the signup full profile (full page only, not layer) that opens a layer to upload a photo without using the existing applet – new component: simple input file > upload, drag, rotate, save.

> Compatibility across browsers – using flash & JS

To be compliant with all versions of browsers and in particular former versions like IE7, flash is necessary in order to resize the photo on client side (not on the server). This Sub1 will be developed in Flash + JS.

2.2 Sub2: Photo manager on 'my profile' page

Add the missing features on the photo uploader in order to implement the new uploader on the 'my profile' page: Zoom, delete a photo, set a photo as the main one, add photo in the album (manage the 2 queues: portrait + album). Integrate the new display of the photo manager on the my profile page: in a new layer.

2.3 Sub3: Generate thumbnail – updates in OBO

Generation of the thumbnail by the member → remove this feature in OBO: important impacts on CC.

Improve the tool to reframe the photo in OBO.

[Anticipate consequences on the CC – number of resources in the countries]

Face recognition in order to propose an automatic thumbnail to the user → depending on the LOE.

2.4 Sub4: Canvas version: compliant with new versions of browser + TouchPad

Flash is not supported on some touch pad or smartphone therefore we also need a version full JS, without flash. Moreover considering the evolution of browsers in the long run, flash won't be necessary anymore. The JS version will be compliant only with new versions of browsers. This version will be developed in Canvas + JS. A specific development to be compliant with IOS might be needed.

*This sub must be validated before starting the development → depending on the LOE vs the benefit.

3 [Sub1] Upload link in Profile capture: new component

First of all we want to ease and simplify the way a user uploads his photo and also make it accessible from all pages of the signup. Currently the user can upload a photo only at the end of the tunnel (page 21 of 23) so he has many opportunities to drop without uploading a photo whereas our main objective is to increase the number of validated photos on site.

3.1 Perimeter – AB Test

This sub1 will be AB Tested.

On direct sites only:

- 25% Meetic SP
- 25% Lexa NL

→ The AB Test will be configured with the framework.

3.1.1 Configure a new tunnel

Considering the project will be AB Tested, the activation of this new link should be configurable, it's the best way to AB Test a project without a new development.

Therefore, a new parameter to set the activation of the link + all the mechanism expected on sub1 must be defined. A new tunnel version must be defined (tunnel_00N.inc) with the activation of this link and the AB Test framework will overwrite the value in the config or private for the country AB Tested.

- ⇒ It's not necessary to add the n° version of the tunnel to load in the config or private since the framework will do that. It can be done only for the tests, until AB Test is activated.

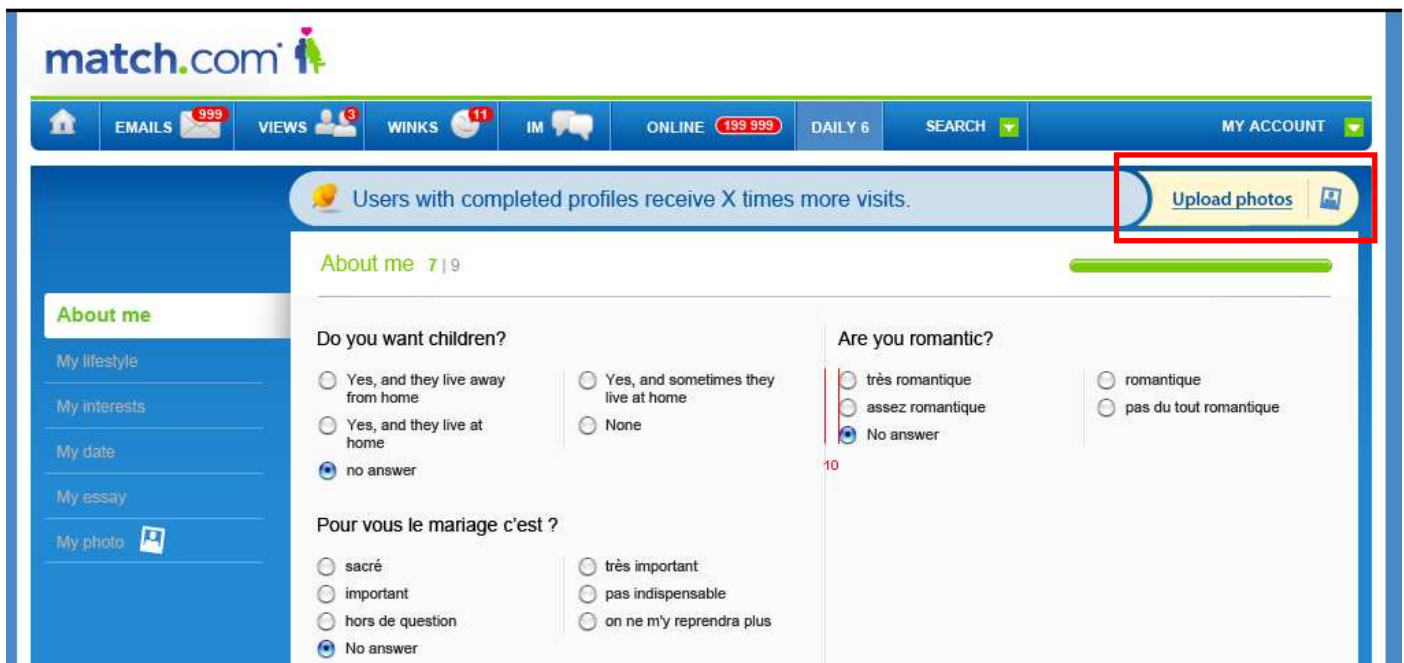
3.2 Add link photo

3.2.1.1 Config with new link activated: group on the AB Test

For the group on the AB Test, we activate the new link in the config (via the AB testing Framework).

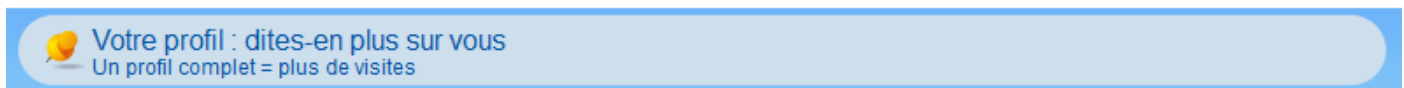
In this case a new button "Upload photos" is added on the full signup – on the right of push info block - , all along the tunnel but only on the full page version, not on the layer.

The link is underlined on the rollover.



3.2.1.2 Config with new link activated: control group

For the group who is not in the AB Test (=control group), the new link "Upload photos" is not activated and the display is the same as the current version in production.



3.3 Layer photo

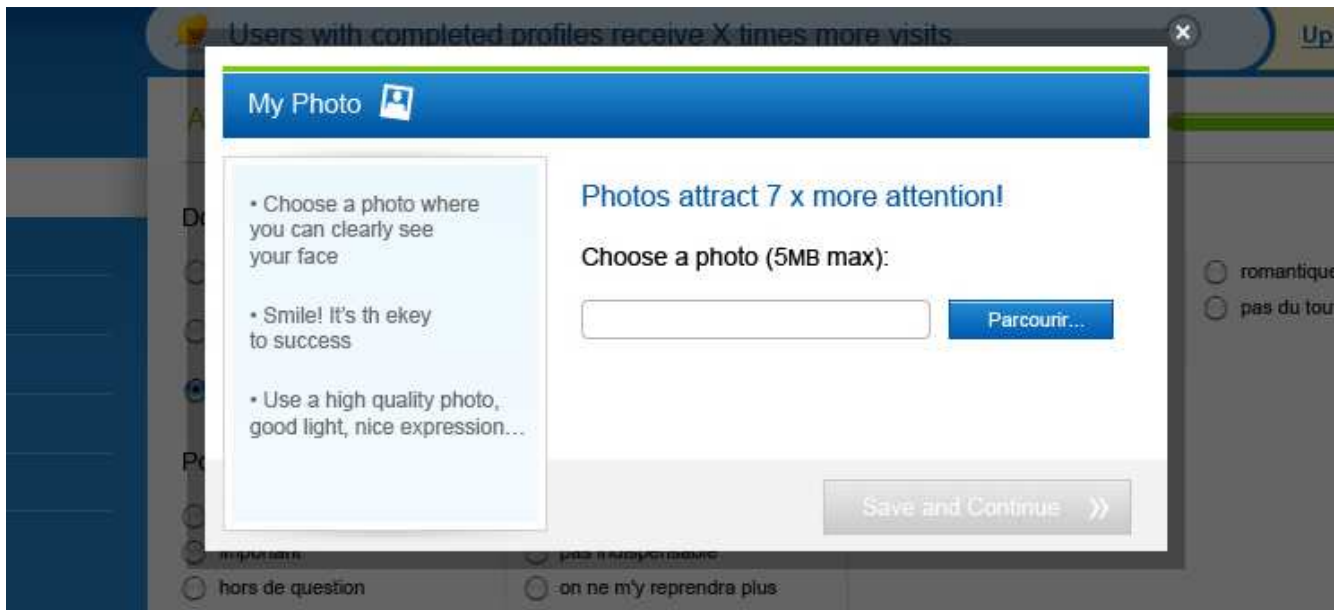
When the user clicks on the link "Upload photos" it opens a layer photo above the current page of the signup and the user cannot click anywhere else once this layer is displayed.

If the user has started to fill some answers and then he decides to click on the link "Upload photos", the current page shouldn't change, the layer is displayed above the page and if he drops the answers are still filled. The user doesn't lose his answers.

In the layer we have:

- Title
- Block info on the left

- Push info
- Input file to select the photo to be uploaded
- A button “Save and Continue” which is disabled until a photo is uploaded
 - o The user cannot click on this button = no action
- A button “X” to close the layer



3.3.1 Select the photo

3.3.1.1 User selects the photo to be uploaded

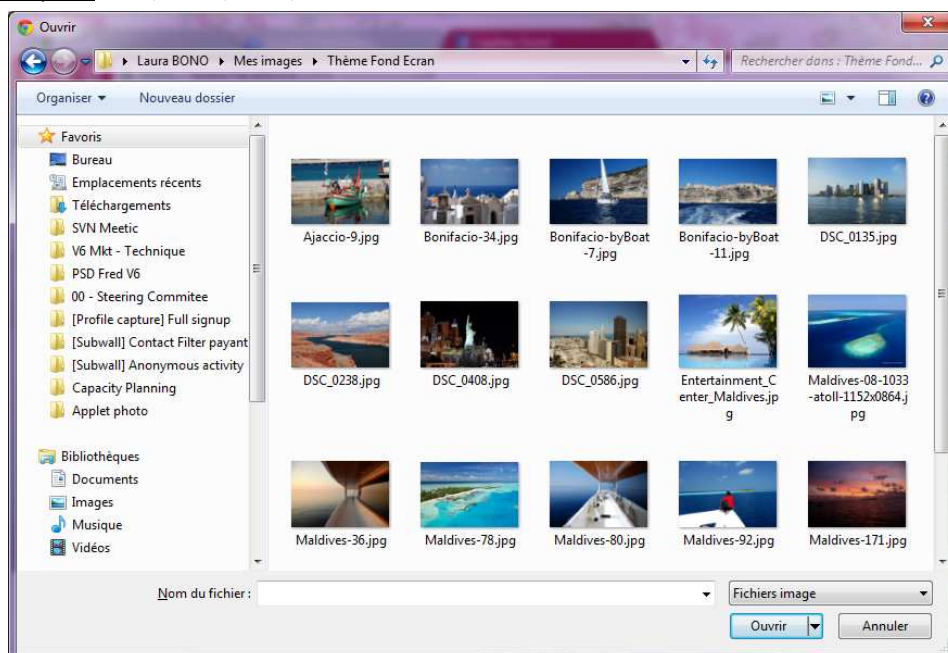
When the user clicks on “(Parcourir) Browse” (*the input file*) it opens the default window of the browser and enables the user to select the photo of his choice.

➔ The zone info block on the left is also clickable and if the user clicks in that zone, it’s the same behavior as in the input file => browse.

By default, we display in this window only images files: JPG, JPEG, PNG, GIF and the user cannot select other types of files.

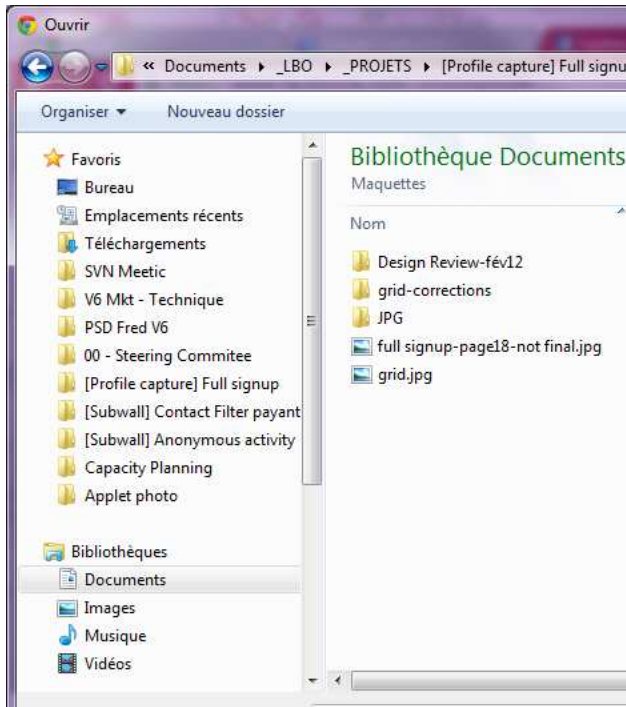
Constraints:

- Files accepted: JPG, JPEG, PNG, GIF

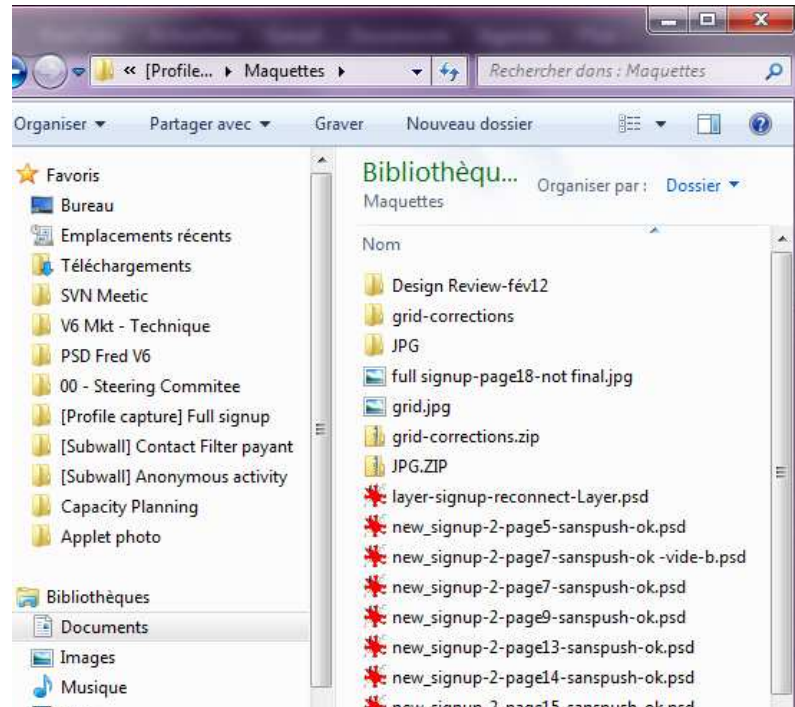


Only images files are displayed even if we have different types of files in a same folder – example here with a folder containing different files, for the upload photo (on the left) we display only images whereas through the Windows explorer we can see all the files (on the right).

Window from the browser for the upload: only images



Windows explorer: All the files are displayed



3.3.1.2 Photo selected doesn't match with the constraints

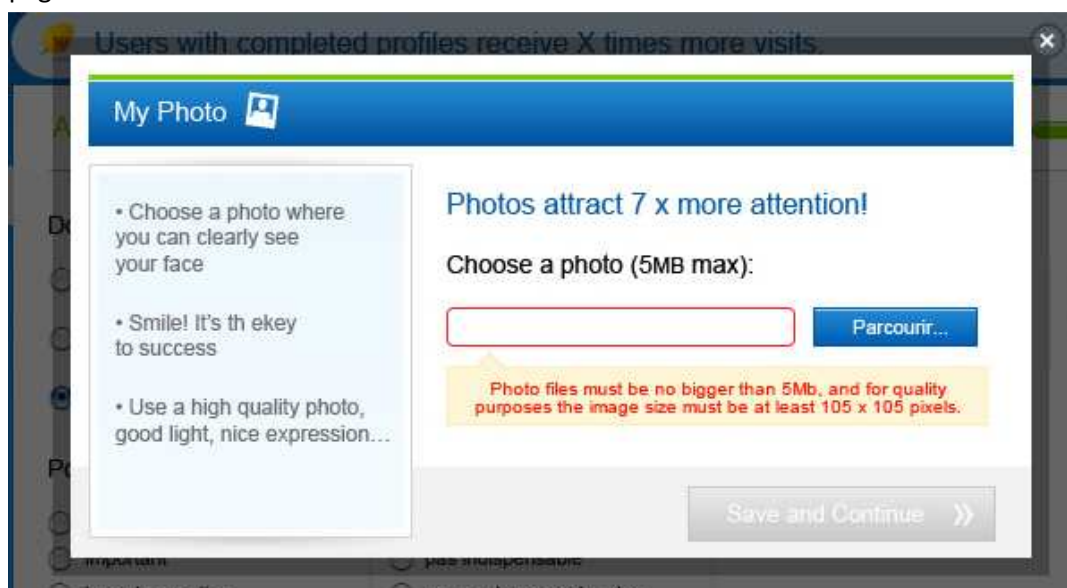
If the user selects a photo bigger than 5Mb and/or smallest than 105x105px, an error message is displayed in red below the input file.

Constraints = size of the photo must be:

- less than or equal to 5Mb
- bigger than or equal to 105x105pixels

The button is still disabled and the user cannot click it.

If the user clicks on the button Close, the layer disappears and his current page of the signup is displayed without reloading the page.



3.3.2 Resize the photo selected

Once the photo is selected, the block info on the left is replaced by the display of the photo selected.

To display the photo, it is resized proportionally to match the size of the photo sent to moderation = **300px width max.**

Therefore if the user selects a photo with 4000x3000px size → the photo is resized with a max width = 300px and the height proportionally.

Caution: the photo block in the layer is smaller than what must be sent to moderation when the photo is uploaded = **300x350px** (width x height) - but it respects the proportions.

→ This means that the photo is resized 'for real' to 300px width max but the photo displayed to the user is smaller in the layer (cf mockup)

>> The photo is resized on the client side and is not uploaded to the server yet.



3.3.3 Drag the photo

Once the photo is displayed in the frame and if this photo is wider than the frame, then as soon as the user moves his pointer above the photo frame the default pointer is replaced by a cross (cf mockup) which corresponds to the 'drag' action.

The resized photo (width 300px max) is not fully displayed, we display only the zone which matches with the expected size = 300x350px or proportionally smaller (in the layer).

If the photo is smaller than 300x350px → the photo is fully displayed in the frame.

If the photo is wider than 300px, then the photo is centered into the middle of the frame.

In this case the user can drag the photo to the right and to the left in order to frame as he wants his face.

This is the zone displayed in this frame that will be sent to moderation.

Example - steps:

1. The user selects a landscape photo(=photo source) → 4000x3000px
2. The photo is resized to 400x300px on the client side
3. A zone equivalent to 300x350px of the resized photo is displayed in the frame - centered (in the layer it's smaller than 300x350px but proportional)
4. The user can see his face and repositions his face properly.

- Photo source: landscape format 4000x3000px (*wider than 350px after resize*)



- The user can see only a part of his photo in the frame: then he can drag his photo to the right, to the left



3.3.4 Rotate the photo

2 buttons are displayed above the photo that enable the user to rotate his photo to the right or to the left.

When the user clicks on the button, the photo is directly rotated to 180° and the display is immediate on the frame.

He can still drag the photo to reposition his face properly in the frame.

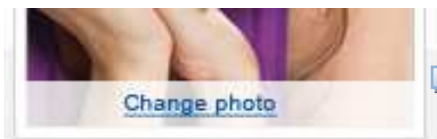
* Rotate to the left

* Rotate to the right



3.3.5 Change the photo

When the user clicks on the link "Change photo" which is above the photo, the user is redirected to the 1st step of the upload = [select the photo](#). The photo selected and resized is removed and the user can restart the process : select, resize, drag, rotate[...]



The link is underlined on the rollover.



3.3.6 Upload the photo to the server – send to moderation

3.3.6.1 Click on 'save and continue'

If the user clicks on the action button “Save and Continue” the photo is cropped according to what is displayed in the frame (in the block on the left) and sent to the server, in the **portrait moderation cue**.

Therefore we send to moderation the exact zone of the photo that the user can see in the frame.

At that moment, **the photo size sent to moderation must be exactly 300x350px** (width x height) since we don't want to impact the work in CC.

Example :

1. The user selects a photo 4000x3000px



2. The photo is resized on the client side (to 300px width max)
3. The photo is displayed on a frame and the user drags / rotates the photo



4. By clicking on the action button, the photo as displayed in the frame is uploaded to the server → **photo is cropped to this specific size: 300x350px.**

+ The layer closes once the photo is uploaded to the server.

3.3.6.2 Click on 'close'

Since we don't want to lose a photo selected by the user, even if the user wants to stop the action when he clicks on the button “Close” we consider this is exactly the same action as clicking on “Save and continue”.

We may have a risk to have a photo not properly framed sent to moderation but this is ok → we send to moderation the photo cropped displayed in the block even if it's not properly framed.

→ So click on 'close' = click on 'save&continue' + close the layer once photo is uploaded ([same behavior as when photo has been uploaded to the server](#))

3.3.6.3 Loader

As soon as the user clicks on the action button, this means the upload begins so at that moment we display a loader above the photo and the other actions are disabled: rotate, change photo.



3.3.6.4 Photo has been uploaded to the server

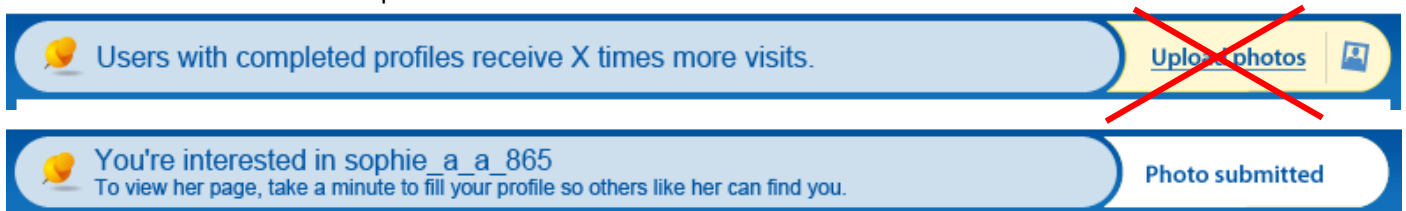
Once the upload of the photo is finished, the layer closes automatically and the user can see again the page of the tunnel where he stopped when he clicked on the link "Upload photos".

If he had previously started to answer some questions, the answers are still displayed even if he didn't click on "Save & continue" (on the full page) → the page below the layer didn't change so when the layer closes it's exactly the same.

3.4 Link when photo has been uploaded

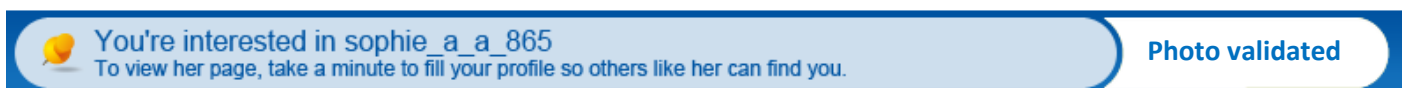
3.4.1 Photo is being moderated

Once the photo has been uploaded and sent to moderation, the link "Upload photos" is changed by a new wording "Photo submitted" at the same place.



3.4.2 Photo is validated

If in the meanwhile the photo is validated by Customer Care, the wording "Photo validated" is displayed instead of "Photo submitted".



The user cannot upload new photos since the link is not available anymore.

3.5 Photo page

3.5.1 User has not uploaded a photo: replace the current applet

If the user hasn't uploaded any photo during the signup by clicking on the link, the step photo / photo page is displayed but we change the current applet flash and replace it by the new mechanism used in the layer – with the input file.

The display will change a little since the page is bigger than the layer but the behavior will be exactly the same: upload, resize, drag, rotate, save.

The size of the photo displayed on this page will be bigger than in the layer but we must keep the same component & mechanism → do not develop 2 different components, the size must adapt to the page / must be configurable.



3.5.2 User has uploaded a photo: skip the step

If the user has uploaded a photo during the tunnel by clicking on the link “upload photos” before arriving on the photo page, this step is not displayed → we skip this page and the user is automatically redirected to the next page defined in the tunnel = today it's the thank you page.

We skip the photo page in both cases:

- The photo is in moderation
- The photo is already validated

The link photo on the left menu is still displayed and even if the user hasn't seen the thank you page, the link is activated and he can click on the link. If the user clicks on this link he is redirected to the thank you page where his photo is displayed



3.6 Changes on the thank you page

3.6.1 User has not uploaded photo

If the user has not uploaded a photo during the signup, the display of this page does not change: a block 'push photo' is displayed by default.

But when the user clicks on the button "Add your photo" it must open the layer upload photo instead of the photo page unlike the current behavior.

This button is available only on the full page version →



In the layer version, there's no impact since this button "Add your photo" doesn't exist (because it was too complex to redirect to the photo page in the layer version):

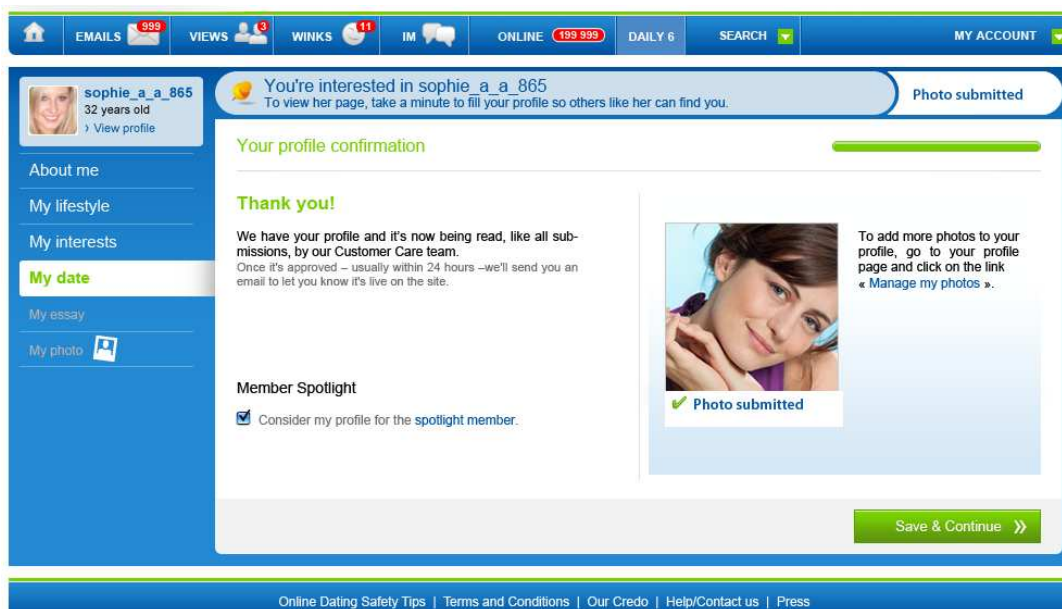


3.6.2 User has uploaded a photo

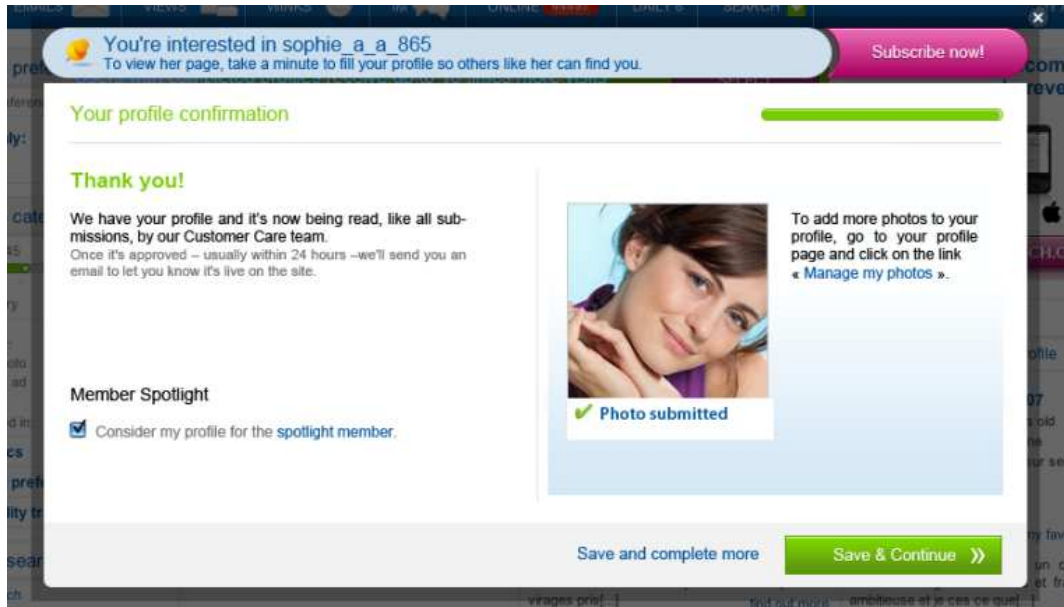
When the user has uploaded a photo, the block 'push photo' on the right is replaced by the display of the photo uploaded, this must be done for both full page & layer.

No matter the status of the photo: in moderation or validated, the wording "Photo submitted" is still displayed under the photo. And if the photo is validated, the wording "Photo validated" is displayed.

1. Full page design



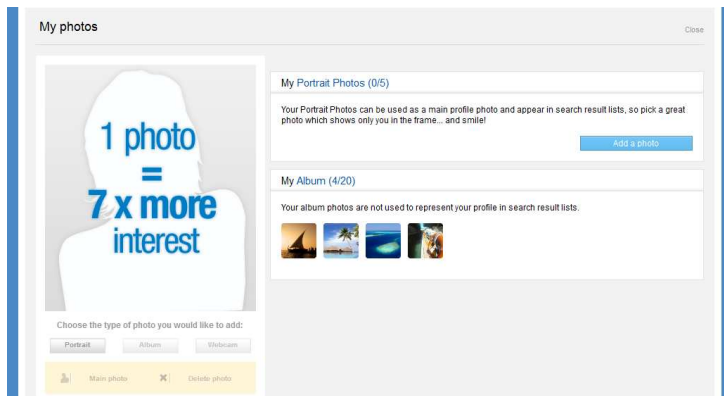
2. Layer design



4 [Sub2] Photo manager on 'my profile' page

In Sub2 we'll integrate the new photo uploader developed on Sub1 in the 'my profile page': we'll review the entire current mechanism (currently a block displayed on the top of the page) to display the photo manager in a layer above the my profile page.

> *Current mechanism on the my profile page:*



Moreover, we also add the features that were not integrated in sub1 and that are mandatory to manage the photos:

- Webcam
- Zoom
- Delete a photo
- Set a photo as the main one

4.1 Perimeter / AB Test

This sub2 will be AB Tested with the same parameters as sub1 :

On direct sites only:

- 25% Meetic SP
- 25% Lexa NL

> For the group on the AB Test we display the new layers and the different changes on the my profile page, whereas for the control group nothing changes = iso prod.

➔ The AB Test will be configured with the framework.

➔ **AB Test should be managed & implemented directly by the team - during the development (on devNG)** to avoid any "surprise" after the merge and integration of the AB Test.

⇒ **Julien** (j.szkuclapski@meetic-corp.com) / Skype : **j.szkucl**) will explain the AB Test framework to your teams – you can ask him if you need help.

CAUTION:

For sub2 we will use another AB Test type:

- On sub1 we used an AB Test type "**config**" ➔ just add a new variable in the config and the framework overwrite it with the value needed
- Whereas on sub2 we'll need an AB Test type "**html**" ➔ this means we'll develop on a **new html** (an alternative one with a different name) and we'll create an AB Test config to specify the name of the new html to use for the members in the group tested.

⇒ Technically, **Julien** (j.szkuclapski@meetic-corp.com) / Skype : **j.szkucl**) will explain that to you – please feel free to ask him.

4.2 Constraints

We should not develop 2 different components of the photo uploader:

- 1 for the signup
- 1 for the my profile page

We must have **common features** that we activate / deactivate depending on the page.

→ For example if we add the zoom on Sub2, the signup should inherit this feature.

But on the contrary, on the signup the button to delete a photo or set a photo as the main one is not necessary.

Reminder: The former flash applet was exactly the same between the signup and the my profile page → we only had to activate the features or not.

⇒ We must use the same philosophy in development of sub2.

4.3 Glossary

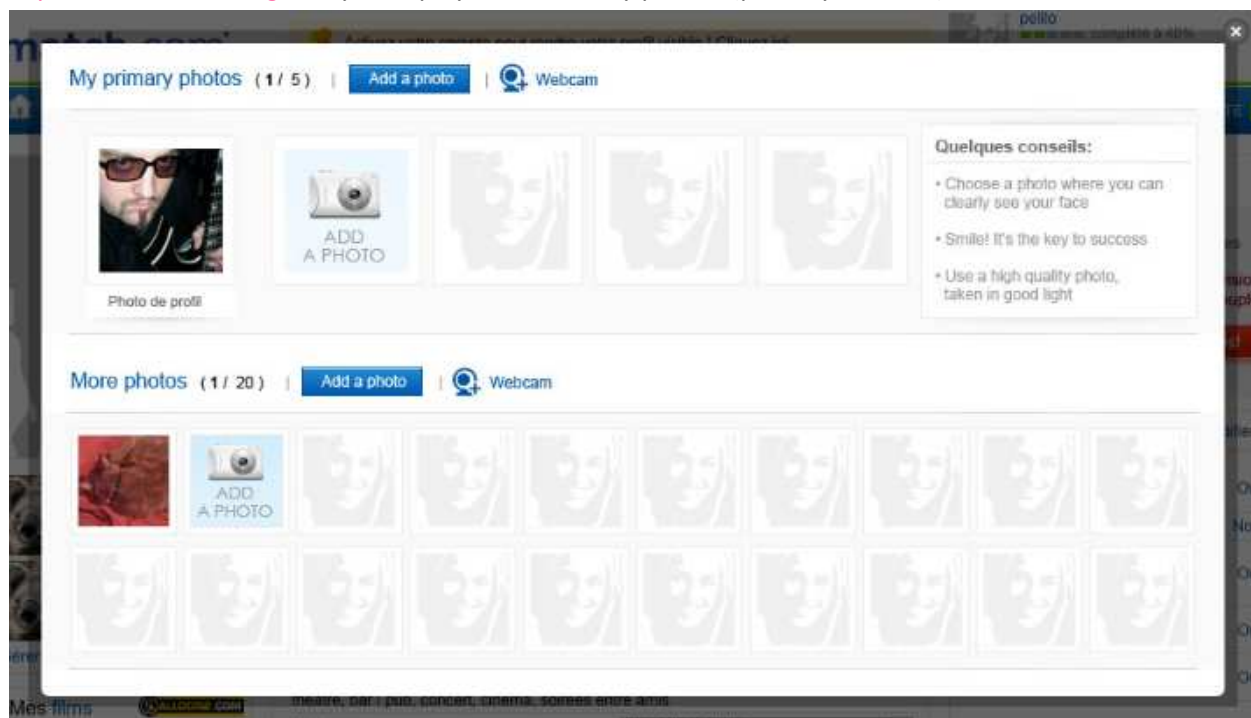
To avoid any confusion in the wording we'll use to describe each step, here's the vocabulary associated with the screenshot:

1. My profile page (=myprofile/index.php – existing page)

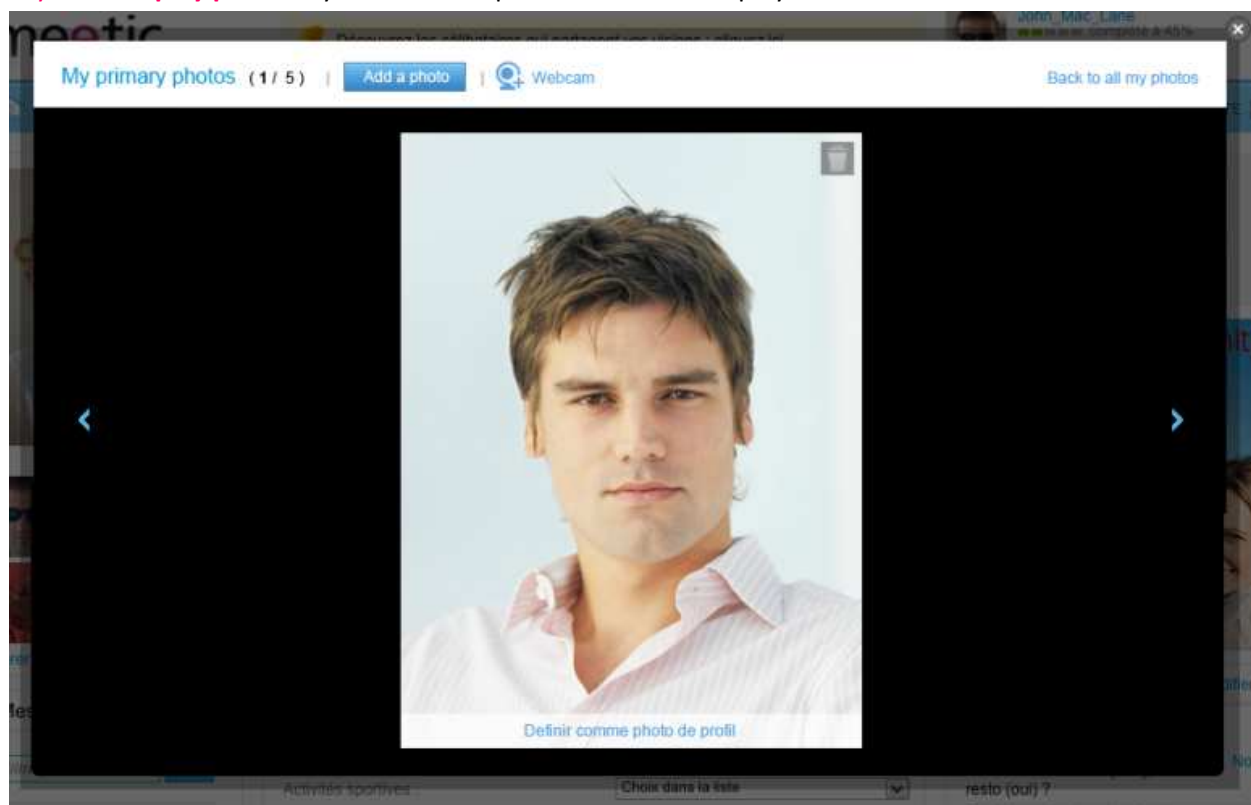
The screenshot shows a dating profile page for a user named Roberta. The page is divided into several sections:

- Header:** A blue navigation bar with links for Home, Emails (57), Views (1), Winks (2), IM, Online (21602), Daily 6, Search, and My Account.
- Profile Picture:** A large image of a penguin, with a smaller version below it and a gallery of other photos.
- Start dating today:** A green banner with the text "Exchange as many messages as you like!" and a "Subscribe now!" button.
- Personal Information:** A form with fields for Roberta's details:
 - How do you feel about meeting someone new?: Let's see what happens
 - Relationship status: divorced
 - Occupation: Choose from the list
 - Height: 5'3" - 159 cm
 - Body type: slender
 - Hair: dark brown
 - Eyes: green
 - Children: Choose from the list
 - My personality: adventurous
 - Smoking: Choose from the list
 - Entertainment: Choose from the list
 - Interests: Choose from the list
 - Sports: Choose from the list
- My films:** A section with a "SCREENRUSH" logo and a "Go" button.
- Looking for the same things in life?:** A section with a "My perfect holiday would be:" poll (a beach holiday) and a "TAKE THE QUESTIONNAIRE" button.
- Find out who shares affinity with you!:** A section with a "Affinity 81" score and a "Take The Free Questionnaire" button.
- matchaffinity.com:** The website logo.
- My quiz:** A section with a "Modify" button and a quiz question: "Supportez-vous vos parents ?" with a "Oui" button.

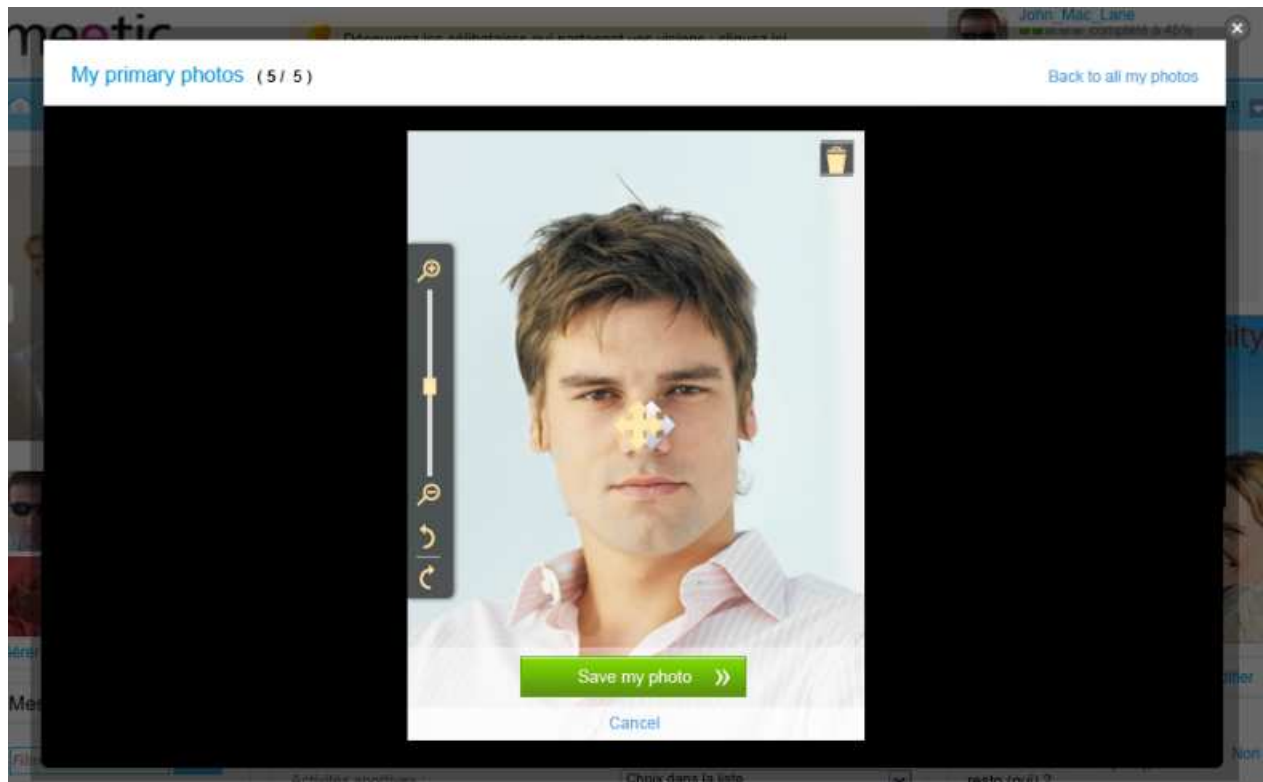
2. **Layer 1 - Photo manager:** layer displayed with all my photos (primary + album)



3. **Layer 2 - Display photo:** layer where the photo selected is displayed full size



4. **Layer 3 - Photo uploader:** layer to upload a photo



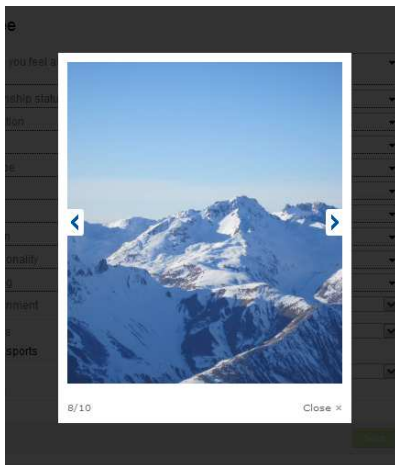
4.4 Close the layer



No matter the layer displayed, when the user clicks on the “X” (in the corner of the layer), the layer closes and user goes back to the “my profile page” – without reloading the page.

4.5 Changes on my profile page

Currently if a user has a photo, when he clicks on it (on the sidebar of the my profile page – the big one) the photo is displayed full-size in a layer:

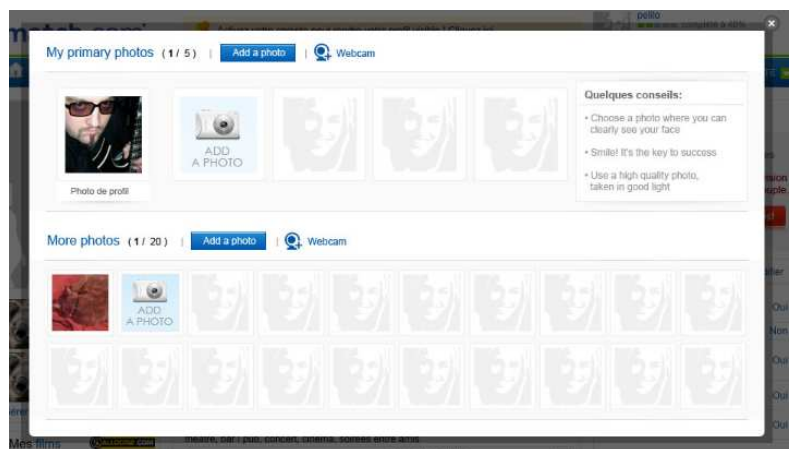
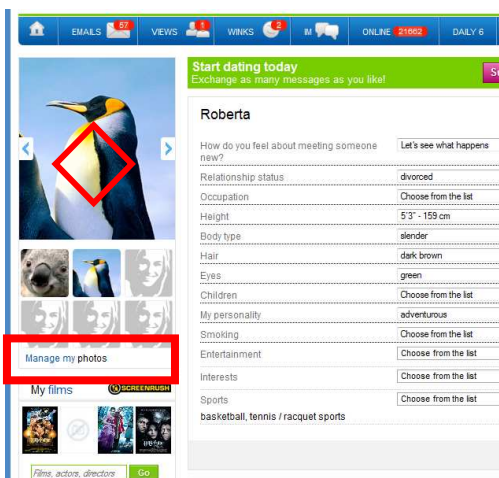


Since the link “manage my photos” is not currently clearly visible on this page and we want to encourage the user to add new photos, we want to change this behavior (only on the my profile page – do not impact the members/index):

- ⇒ When the user clicks on « manage my photos » or directly on his photo (the big one, not the thumbnails) the new layer should open = photo manager.

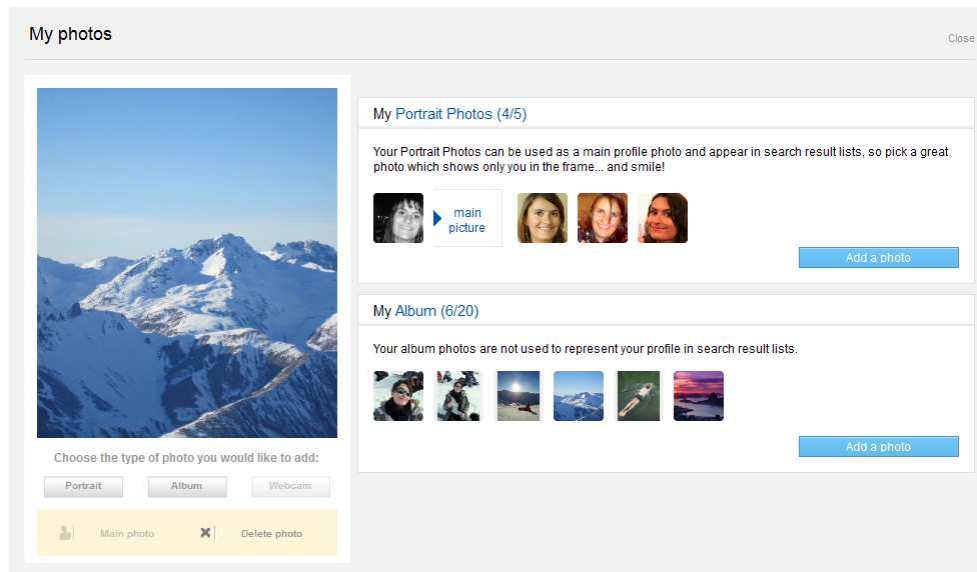
We keep the current mechanism for the thumbnails.

(Clicks indicated in red below)



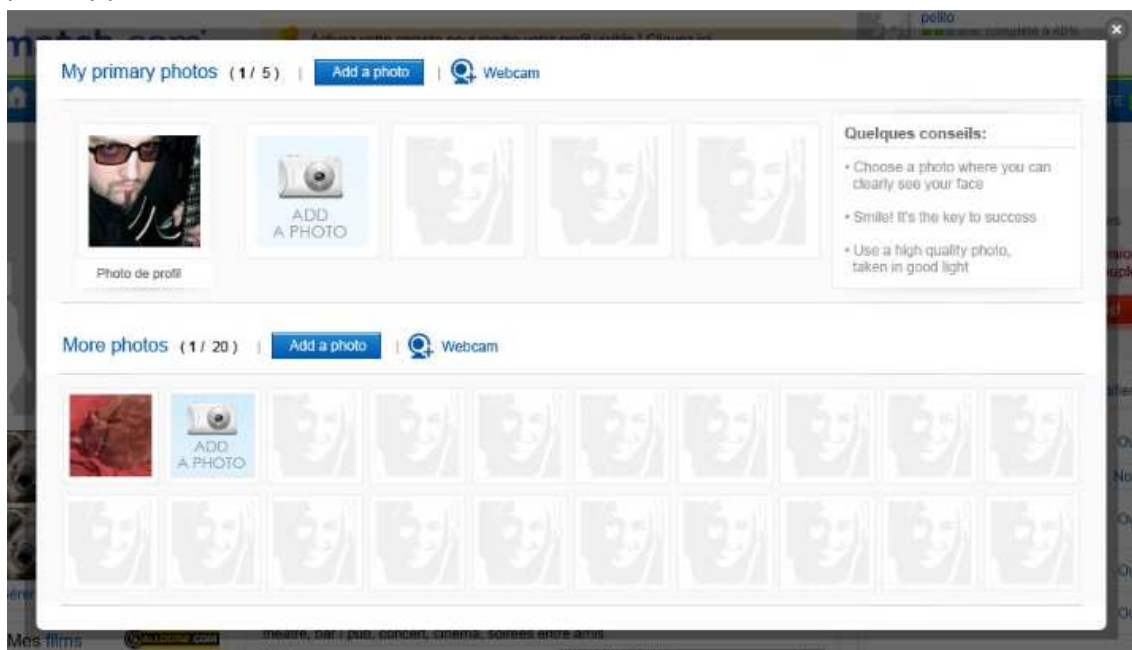
4.6 Layer 1 - Photo manager

The current photo manager is displayed on the top of the page with a slide effect:



For this sub2 we won't display this block for the group on the AB Test, we'll create a new one: a layer displayed above the page = photo manager.

In this layer the user can manage his primary + album photos: add, delete, set a photo as the main one or move a primary photo to the album.



The user can upload 2 types of photos from the photo manager:

- **Primary photos:** only these ones can be used as profile photo (once validated by CC, the profile photo is visible by the other members – on the list / profile page...).
For primary photos, the user should upload photos where he is recognizable: we must see clearly his face.
> The user can upload only **5 primary photos max.**
- **Album photos:** in his album, the user can upload more personal photos like his cat, his house, holiday's photo etc... But a photo album will never be used as a primary one.
> The user can upload **20 album photos max.**

4.6.1 Primary photos

Primary photos can be either uploaded from the sign up or from the my profile page.

The Customer Care has very strict rules that have to be followed for a Primary photo (recognizable, not vulgar...)

➔ That's the reason why we have 2 different cues in OBO – CC doesn't validate the photos in the same way :

- Portrait photo
- Album photo

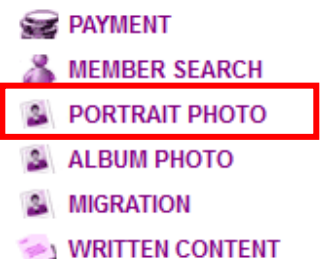
If Customer care refuses a Primary photo, they can send it to the Album photos and the user receives a moderation email.

So by default, when a user uploads a primary photo, it is sent to the **"Portrait Photo"** cue in OBO.

Primary photo zone on the photo manager:



OBO moderation cues:



On the photo manager, for the primary photo zone we have:

- Title + nb of primary photos uploaded (validated or not) / max photo = 5
- Action button "Add a photo"
- Picto "webcam" to take a photo with your webcam
- Avatar or thumbnails
- Information text on the right

4.6.1.1 Display the photos

4.6.1.1.1 Thumbnails

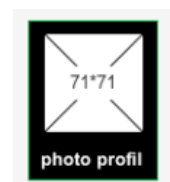
By default we display 5 thumbnails (avatar, camera button or photo) whether the user has uploaded photos or not:

- If the user has 0 album photo- we display :
 - o 1 camera button
 - o 4 avatars (depending on the KVK)
- If the user has uploaded *N* album photos: we display these photos + 1 camera button and we complete the 2 lines with avatars.
 - ➔ Display *N* album photos + 1 camera button + (4 - *N*) avatars
- If the user has uploaded 5 photos, the camera button is not displayed.



- ⇒ The camera button is always displayed after the last photo uploaded (validated or not)
- ⇒ Avatar is not clickable – only the camera button is.

- There's a specific case if the photo has reached the maximum = 5 photos uploaded – [cf User has uploaded 5 photos](#)



4.6.1.1.2 Main photo

When a photo is validated by CC, if it is the 1st one of the user we consider it as his main photo.

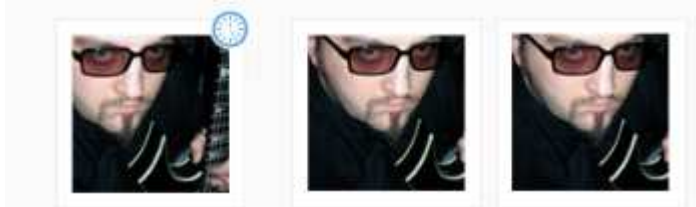
At that moment, this photo is highlighted (with a background) to make the user understand it is his main photo: the one visible on the lists by the other members.

If the user has several primary photos, the 1st one is highlighted – the user can select another primary photo as the main one later ([cf Set a photo as the main one](#))

- A user has only ONE main profile photo.
- Only VALIDATED photo can be highlighted.

4.6.1.1.3 Photo in moderation

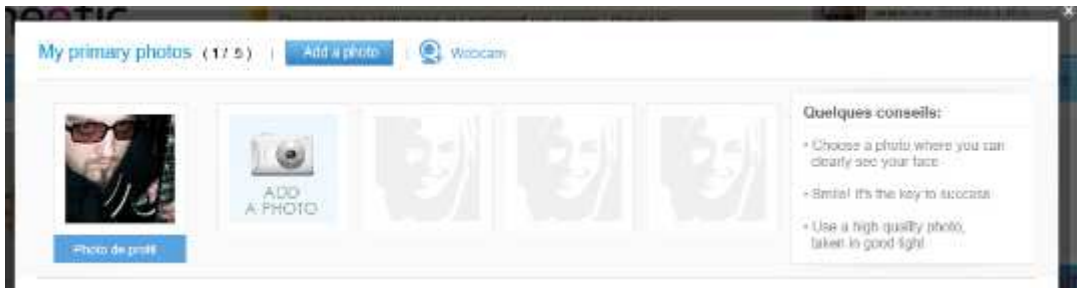
When a photo is being moderated, a specific icon is displayed on this photo:



4.6.1.2 Click on camera button



If the user doesn't have photo or if he can still upload photo, we display 1 camera button + avatar(s).



When the user clicks on the camera button it's the equivalent of "Add a photo": it enables the user to select a photo = it opens the default window of the browser → [cf photo uploader layer](#)

- Reminder: the photo will be added to the Portrait photo moderation cue.

4.6.1.3 Click on a photo

If the user clicks on a photo he has uploaded, it opens the layer Display photo .

The user sees his photo full size and can do some actions on it → cf [Display photo](#)

4.6.1.4 Set a photo as the main one

When the user rolls over a validated photo, a tooltip is displayed with a link "Main photo".

- This feature is available only for validated photos, not photos in moderation!

When the user clicks on this link the selected photo replaces the current main photo.

The selected photo is displayed instead of the previous main photo and vice versa.

- **Exception when the page is reloaded:**

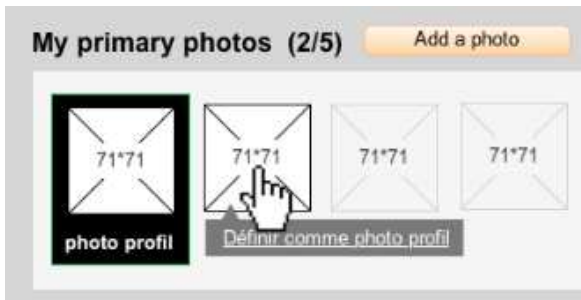
The photos are reordered by upload date after reloading the page.

Only the main photo is always displayed on 1st position.

So we'll have → Main photo (highlighted) + photos displayed by upload date.



The selected photo becomes highlighted and will be the one visible in the lists => it becomes the main profile photo of the user.

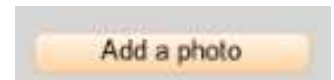


4.6.1.5 Add a photo

A button “Add a photo” is displayed next to the title on the primary photo zone.

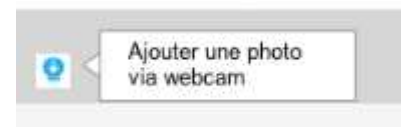
If the user has 5 photos (validated or in moderation) the button is hidden.

When the user clicks on it, it’s the equivalent of selecting a photo = it opens the default window of the browser → cf [photo uploader layer](#)



4.6.1.6 Webcam

- If the user has 5 photos (validated or in moderation) the picto webcam is not displayed.
- If the user has a webcam installed, a picto “Webcam” is displayed and he can click on it.
- If the user doesn’t have a webcam installed, another picto “Webcam” is displayed = a grey one but he cannot click on it → button disabled.



When the user rolls over the active picto “webcam” a tooltip is displayed to explain the meaning of the picto.

When he clicks on it, the photo uploader layer opens with specific wording & features for webcam → cf [photo uploader layer/ Webcam](#)

4.6.1.7 User has uploaded 5 photos – move a photo to the album

4.6.1.7.1 New link to move photo

The user can upload a maximum of 5 photos. This maximum is reached when the 5th photo is in moderation – no matter it is validated or not.

To encourage him to upload more photos (and because primary photos are the most important for us) we let him the possibility to move a primary photo to his album photo.

- At that moment, the buttons “Add a photo” or “Webcam” are hidden because the user cannot upload a new primary photo.
- On the photo manager – primary photos zone - a specific message is displayed under the title:
“Your primary photo list is full. To upload a new one, please move a picture to your album below.
[Click here](#) for select the photo you would like to move” (*wording not validated)

To unblock this situation and add a new primary photo the user can move a current primary photo to his album photos.

- The feature is not available for the main photo (the one highlighted) because we don’t want to lose that one – it’s the most important.
- The feature is available only if the user doesn’t have 20 photos in his album.
 - If he has already 20 photos in his album the wording (*specified above*) is not displayed → the user can’t add new photos until he deletes one.



4.6.1.7.2 Select photo to move

When the user clicks on the link in the wording “[click here](#)”, it enables him to select a photo (except the main one) by clicking on it.

This is a new way & display to manage primary photos.

- Reminder: He cannot select his main photo.

After clicking on the link (“Click here”), a new wording is displayed:

“Select the photo you would like to move” (*wording not validated)

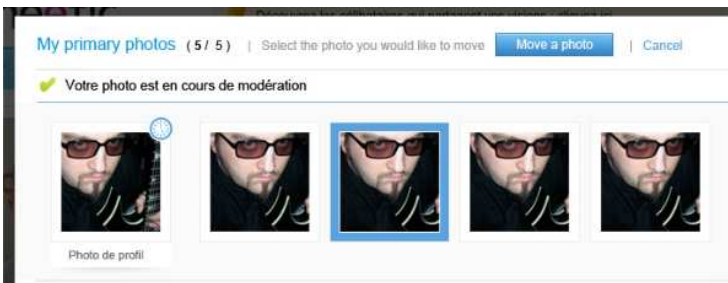
(The button move to album & cancel are not displayed yet)

4.6.1.7.3 Move a photo to the album

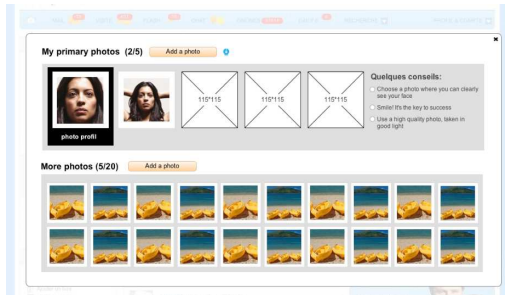
Now the user can select one primary photo (except the main one). The user can move ONLY 1 photo in this action.

When he clicks on a photo (= selected photo) :

- The selected photo is highlighted (colour frame) – *indicated in blue below*
- A button “Move to album” is displayed
- A link “Cancel” is displayed



- When the user clicks on the link **"Cancel"**, it sends him back to the 1st step = photo manager and we don't move the selected photo to the album.
The link is underlined on roll over, and not underlined by default.

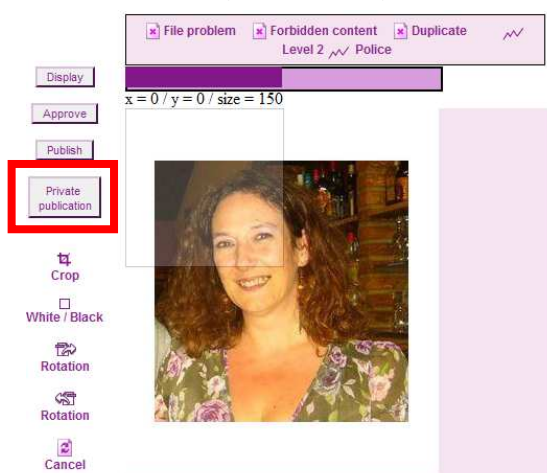


- When the user clicks on the button **"Move to album"**, the selected photo is deleted from Primary photos and is added to the album – in 1st position.
 - o Then, a confirmation message is displayed under the title: **"Your photo has been moved to your album"**.



- o Reminder : he cannot select his main photo, only the last four.
- o If the selected photo is validated it shouldn't be an issue from a OBO point of view **(to be confirmed)**
- o If the selected photo is in moderation, the photo is sent to the Album Photo moderation cue – and deleted from the Portrait photo moderation cue.

➔ Moving a primary photo to the album is the equivalent OBO of the action **"Private publication"** on the moderation cue (in red below):



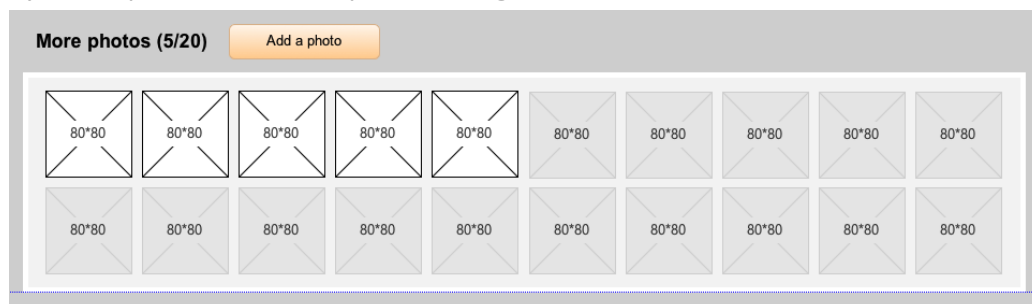
4.6.2 My Album photos

Album photos can be uploaded only from the my profile page – not from the signup.

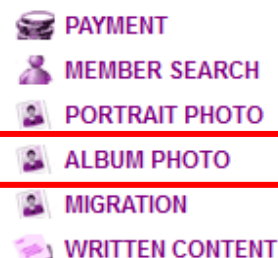
When a user uploads an album photo, it is sent to the “**Album Photo**” cue in OBO.

If CC refuses an album photo, it will not be published and the user receives a moderation email.

My album photo zone on the photo manager:



OBO moderation cues:



On the photo manager, for the album photo zone we have:

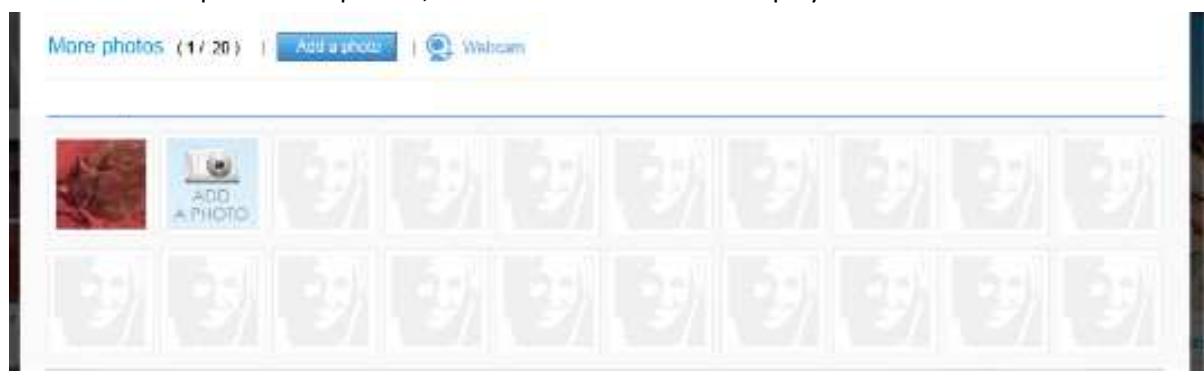
- Title + nb of album photos uploaded (validated or not) / max photo = **20**
- Action button “Add a photo” (only if at least one primary photo has been uploaded)
- Avatar or thumbnails

4.6.2.1 Display the photos

4.6.2.1.1 Thumbnails

By default we display 20 thumbnails (avatar, camera button or photo) whether the user has uploaded photos or not:

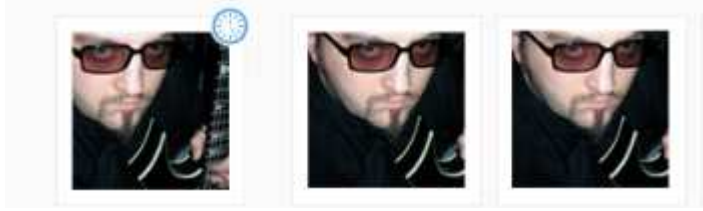
- If the user has **0** album photo- we display :
 - o 1 camera button
 - o 19 avatars (depending on the KVK)
- If the user has uploaded **N** album photos: we display these photos + 1 camera button and we complete the 2 lines with avatars.
 - ➔ Display **N** album photos + 1 camera button + (19 - **N**) avatars
- If the user has uploaded **N** album photos: we display these photos + 1 camera button and we complete the 2 lines with avatars.
- If the user has uploaded 20 photos, the camera button is not displayed



- ⇒ The camera button is always displayed after the last photo uploaded (validated or not)
- ⇒ Avatar is not clickable – only the camera button is.

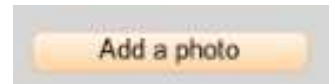
4.6.2.1.2 Photo in moderation

When a photo is being moderated, a specific icon is displayed on this photo:



4.6.2.2 Add a photo

- If the user has already uploaded a primary photo, a button “Add a photo” is displayed next to the title on the album photo zone.
- If the user doesn’t have yet a primary photo, the button “Add a photo” is hidden.
- If the user has 20 album photos (validated or in moderation) the button is hidden.

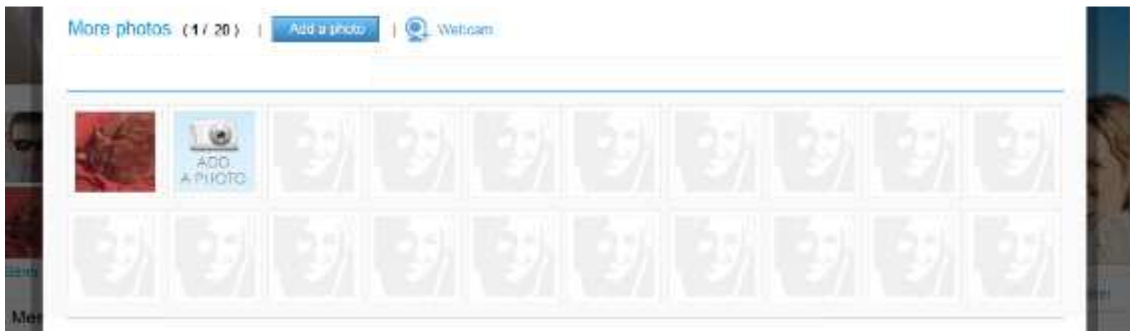


When the user clicks on it, it’s the equivalent of selecting a photo = it opens the default window of the browser → cf [photo uploader layer](#)

4.6.2.3 Click on camera button



If the user doesn’t have photo or if he can still upload photo, we display 1 camera button + avatar(s).



When the user clicks on the “camera button” it’s the equivalent of “Add a photo”: it enables the user to select a photo = it opens the default window of the browser → cf [photo uploader layer](#)

- Reminder: the photo will be added to the Album photo moderation cue.

4.6.2.4 Click on a photo

If the user clicks on a photo he has uploaded, it opens the layer Display photo.

The user sees his photo full size and can do some actions on it → cf [Display photo](#)

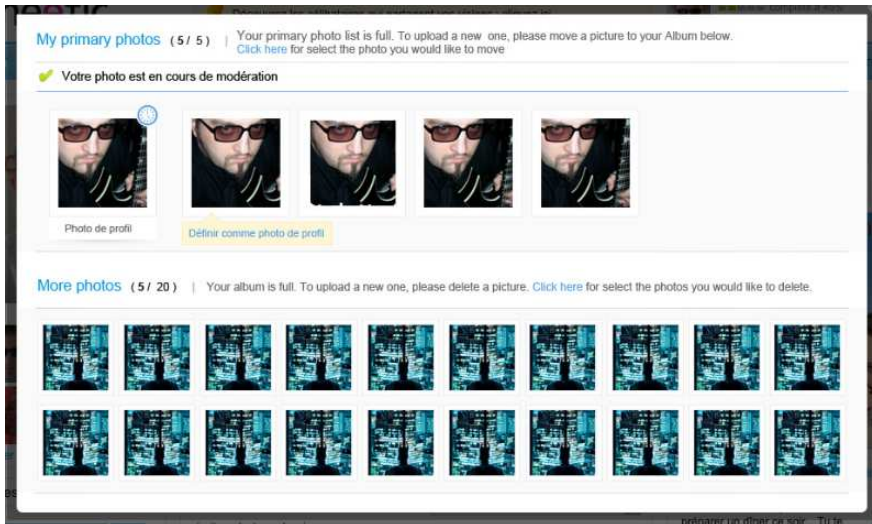
4.6.2.5 User has uploaded 20 photos – delete multiple photos

4.6.2.5.1 New link to delete photos

The user can upload a maximum of 20 album photos. This maximum is reached when the 20th photo is in moderation – no matter it is validated or not.

Once the maximum is reached:

- The buttons “Add a photo” or “Webcam” are hidden because the user cannot upload new photo.
- On the photo manager – album photos zone - a specific message is displayed under the title:
“Your album is full. To upload a new one, please delete a picture.
[Click here](#) for select the photos you would like to delete” (*wording not validated)
- The feature is available for all album photos



4.6.2.5.2 Select photos to delete

When the user clicks on the link in the wording “[click here](#)”, it enables him to select multiple photos by clicking on it.

After clicking on the link (“Click here”), a new wording is displayed:

“Select the photo you would like to delete” (*wording not validated)

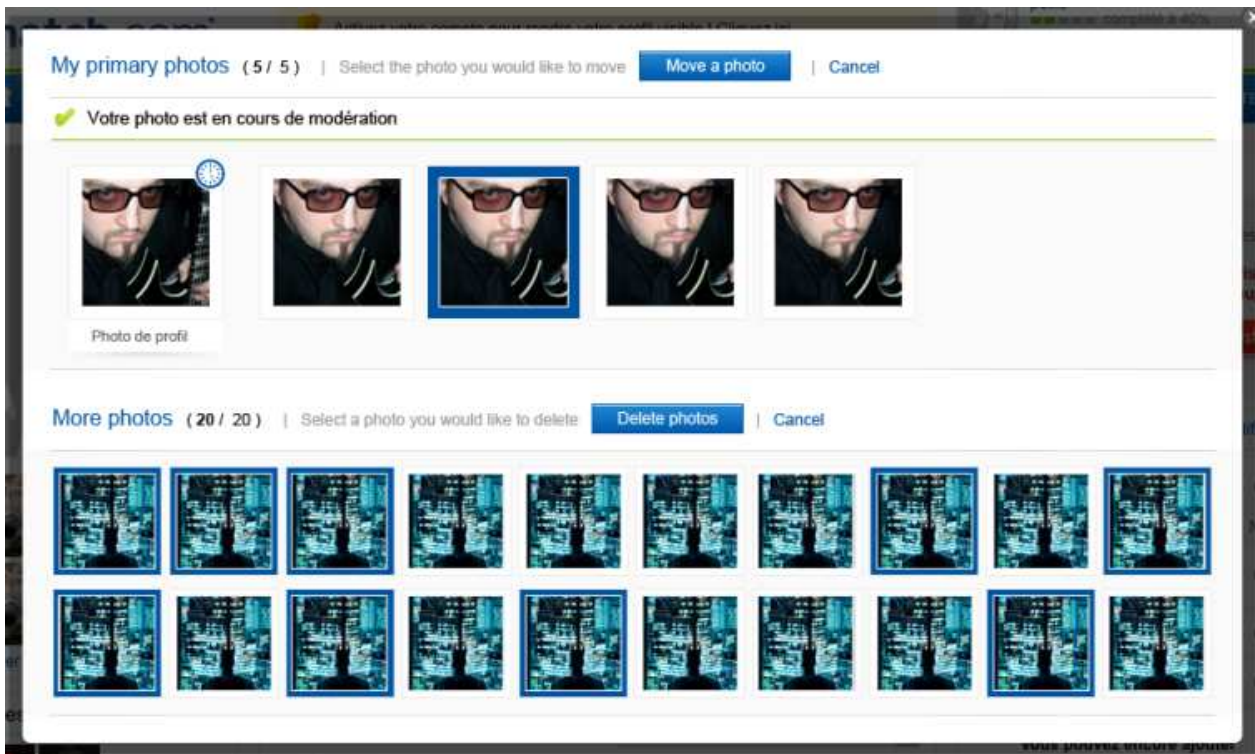
(The button move to album & cancel are not displayed yet)

4.6.2.5.3 Delete photos

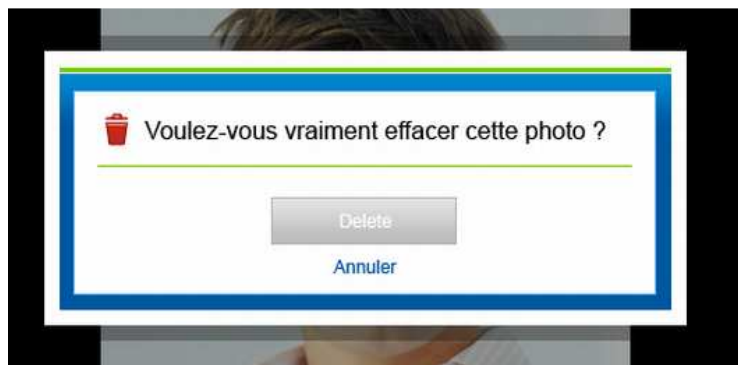
Now the user can make a multiple selection to delete all at same.

When he clicks on a photo (= selected photo) :

- The selected photo is highlighted (colour frame) – *indicated in blue below*
- A button “Delete” is displayed
- A link “Cancel” is displayed



- When the user clicks on **“Delete”**, a confirmation message is displayed with 2 action buttons:



** the buttons should be reversed*

“Are you sure you want to delete this photo?”

Cancel – Delete “

➔ If the user clicks on **“Cancel”** (button):

- No change
- Cancel the action => the selected photos are highlighted

➔ If the user clicks on **“Delete”** (link underneath):

- All the photos he has selected are deleted from DB.
- Then, a confirmation message is displayed under the title: **“Your photo(s) has been deleted”**. And he can’t delete photo(s) directly from this layer anymore. The wording “Select the photo...” is hidden

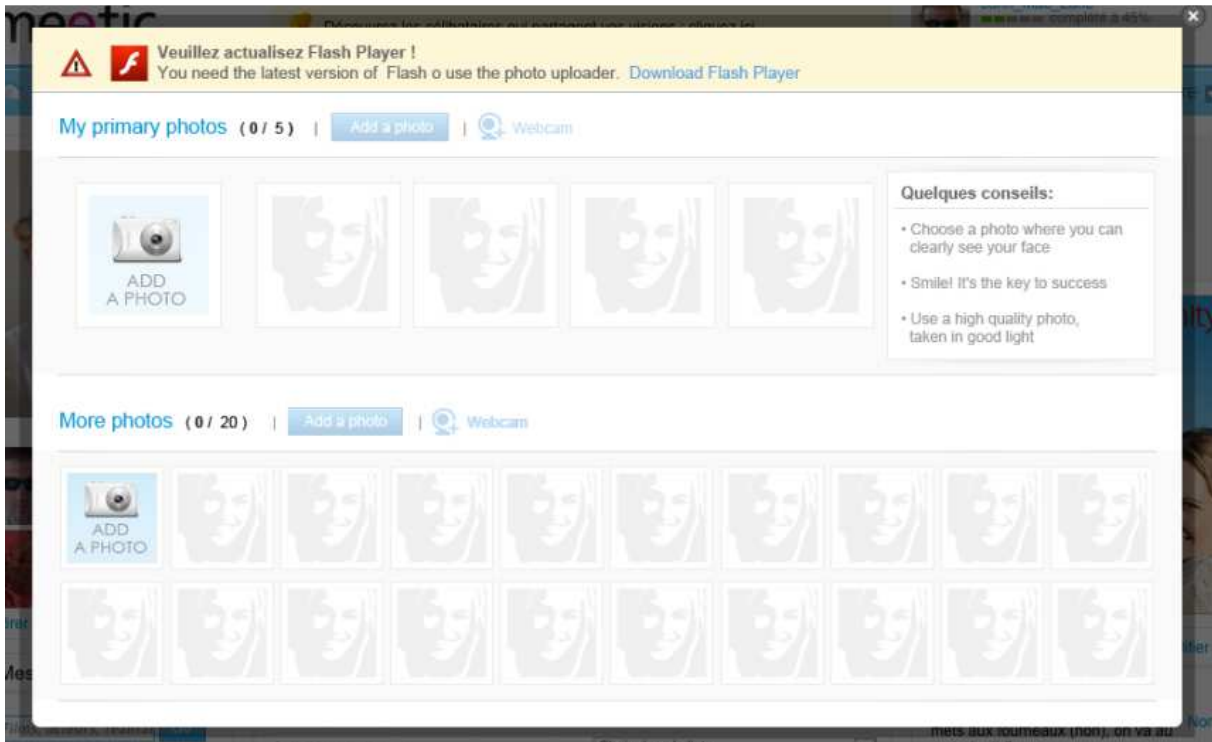
- When the user clicks on the link **“Cancel”**, it sends him back to the 1st step = photo manager and the photos are not deleted.

The link is underlined on roll over, and not underlined by default.

4.6.3 User doesn't have flash

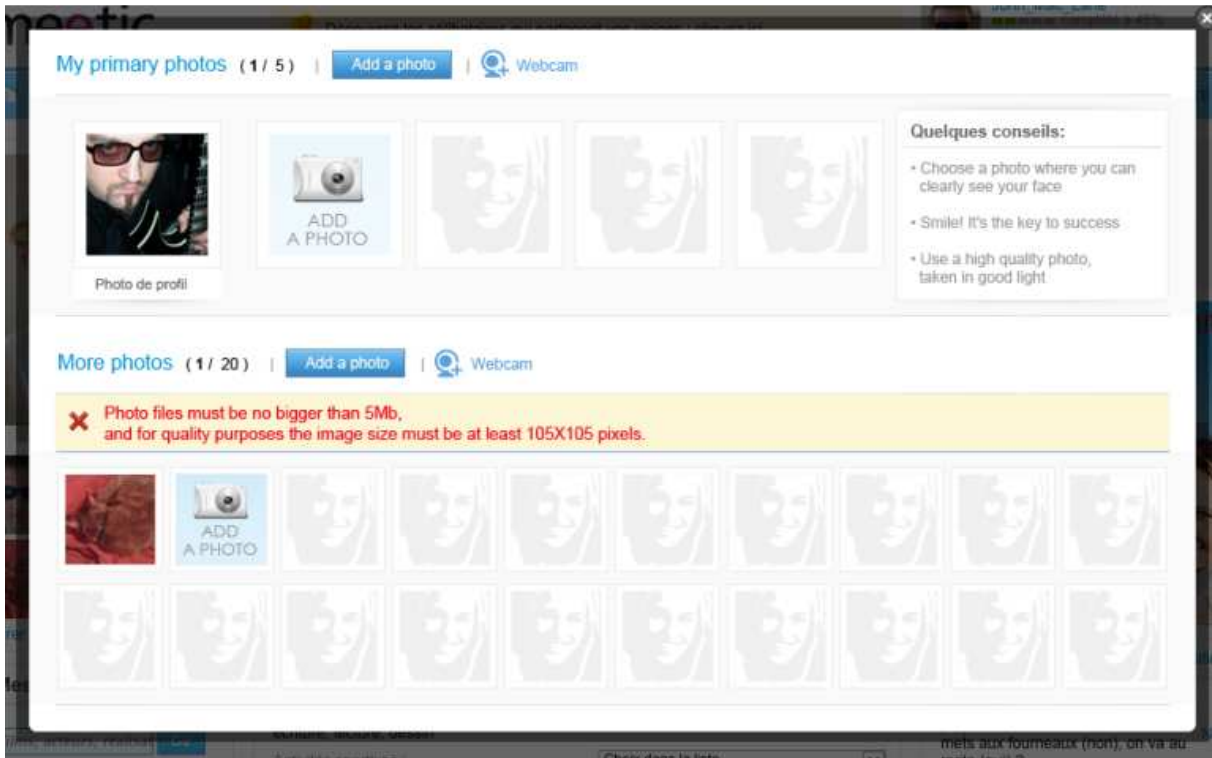
If user doesn't have flash installed:

- the buttons “Add photo” and “Webcam” are disabled (displayed differently)
- a message is displayed at the top of the layer to download Flash (*iso Sub1 – keep the same message & link*):



4.6.4 Error messages

If the user selects a photo that doesn't match with the constraints (*same as sub1*) an error message is displayed in red under the title ('primary photos' or 'more photos' depending on where the user clicked)

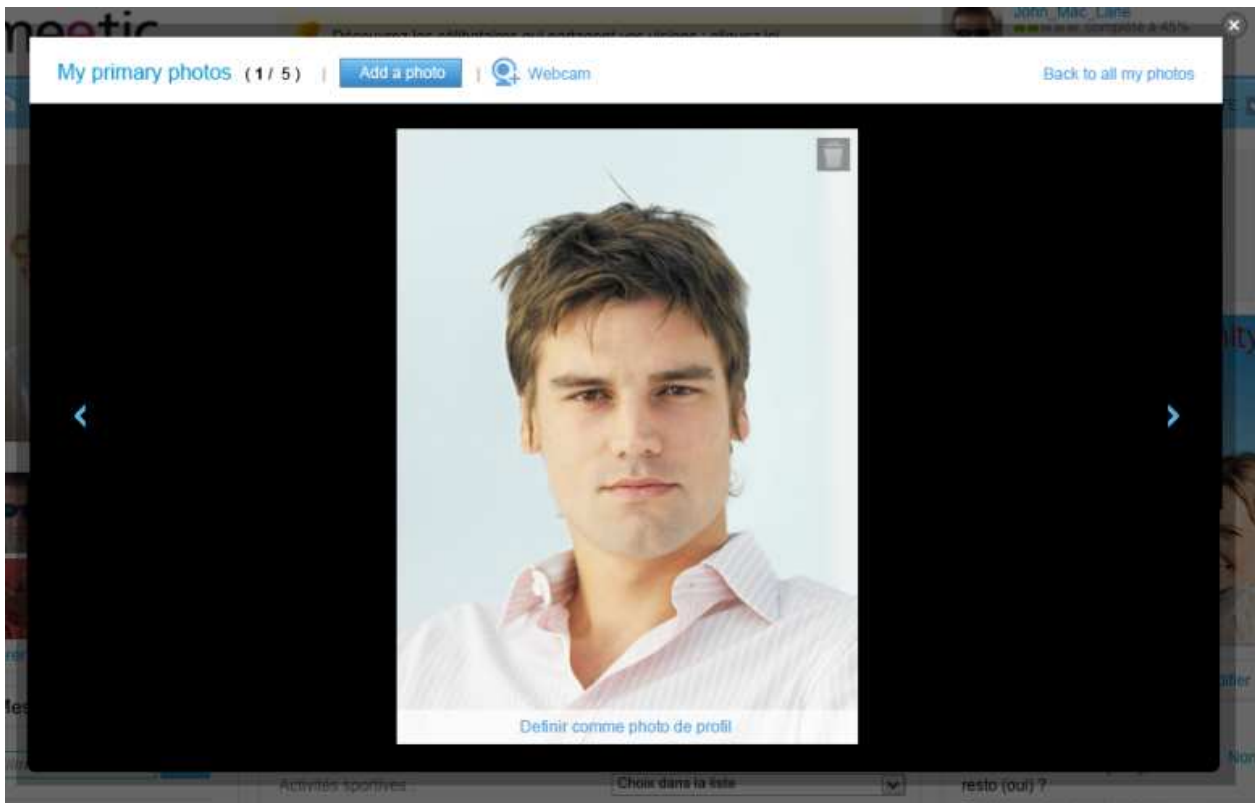


4.7 Layer 2 - Display photo

When the user clicks on a photo (from layer 1 – photo manager), a new layer replaces the current one to display the photo full size.

On this layer we have:

- Title + rank of the photo displayed / max photo = 5 (if from primary photo) or 20 (if from album photo)
- Picto delete to delete the current photo
- Action link “Set as main photo” if it’s a primary photo + validated
- Action button “Add a photo”
- Link “Back”
- Arrows to browse through the album (previous / next)

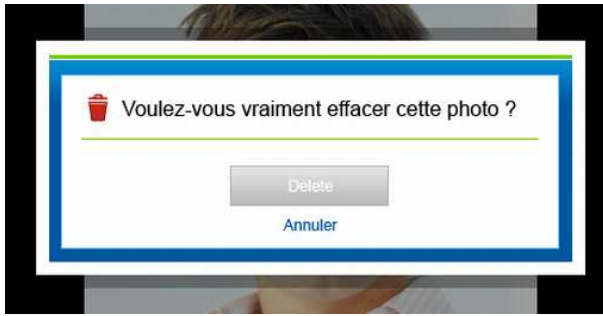


4.7.1 Title clickable

The title of the layer “My primary photos” or “My album photos” is clickable → when the user clicks on this link, he’s redirected to Layer 1 = photo manager.

4.7.2 Delete a photo

When the user clicks on the picto “delete”, a confirmation message is displayed with 2 action buttons:



** the buttons should be reversed – mockup not ok*

“Are you sure you want to delete this photo?”

Cancel – Delete “

- ➔ If the user clicks on “Cancel” (button):
 - No change
 - We close the confirmation message
 - The current photo is displayed as before
- ➔ If the user clicks on “Delete” (link underneath):
 - The current photo is deleted
 - If there is no other photo available, the user goes back to Layer 1 : Photo manager. The deleted photo is not displayed anymore.
 - If there is more than 1 photo, the user lands on the next or previous photo available and the rank of the photo displayed is updated.
 - There is no confirmation message

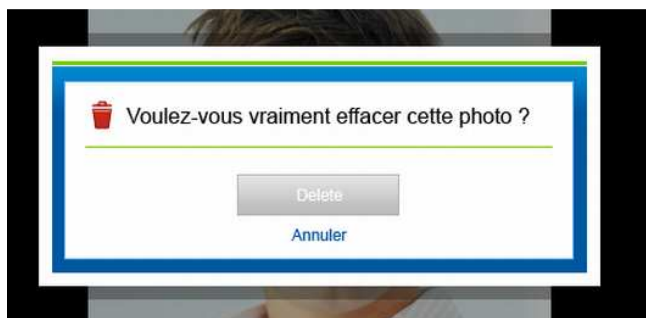
4.7.3 Specific case: delete last validated photo

We want to display a specific message when the user wants to delete his last primary validated photo:

- ➔ When a user deletes his main profile photo:
 - If he has more than 1 primary photo, then the 2nd validated primary photo replaces the main photo.
 - If he only has one photo, when he clicks on the delete, the confirmation message layer is displayed but with a specific text:

“You will no longer have a photo on your profile so you will attract less attention.
Are you sure you want to delete this photo?
Cancel - Delete”

(Same behavior as the “normal” delete: 4.7.2)



4.7.4 Browse the album

- When the user is viewing a photo from his primary album, he can browse the album = 5 photos max. The other photos (from the album) won't be displayed when browsing primary photos.
- When the user is viewing a photo from his album photo (other photos), he can browse the album = 20 photos max. The primary photos won't be displayed when browsing.

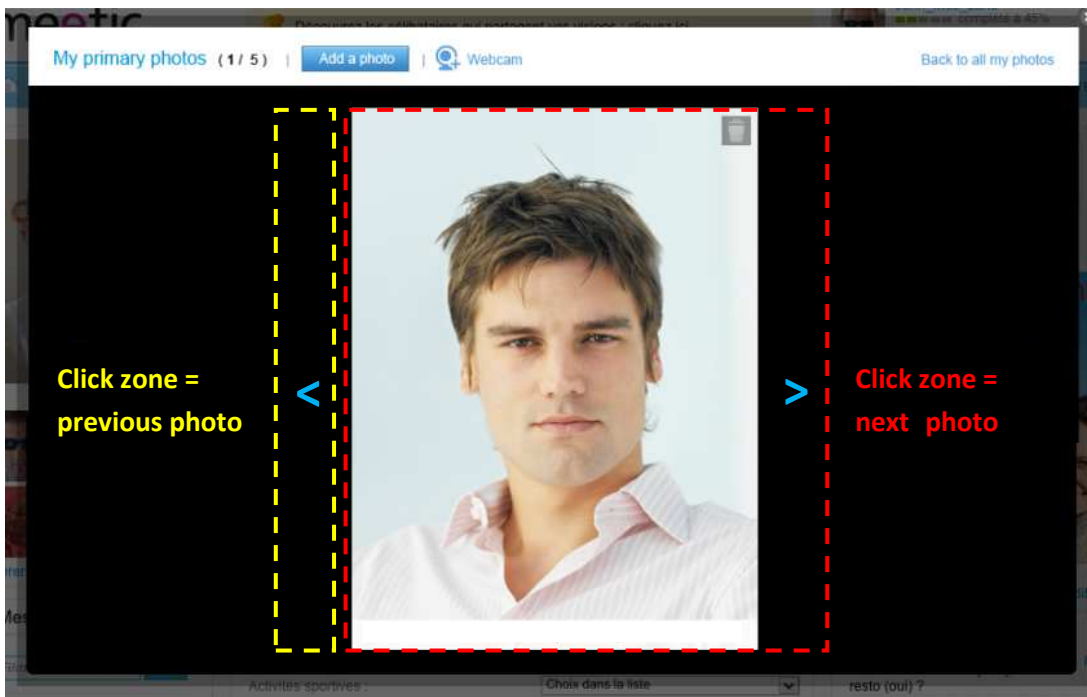
So depending on his click's origin, the user can browse:



- His primary photos

OR

- His album photos

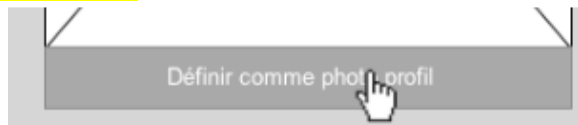
- The avatars are not displayed in this layer.
- If the user has only 1 photo: the arrows previous & next are hidden.
- If the user has more than 1 photo: the arrows previous & next are displayed.
- Unlike the mockup sent, the arrows are close to the photo – always ➔ it adapts to the size and the format of the photo (portrait, landscape or else)
- **Photos should be displayed in a loop** so even if the user has only 2 photos, the arrows will be always displayed and he can go from photo 1 to photo 2 indefinitely.



- ➔ When the user clicks on the click zone defined in yellow above (left arrow): 
 - It takes him to the previous photo of the album.
 - The rank of the photo displayed is updated.
- ➔ When the user clicks on the click zone defined in red above (all photo + right arrow): 
 - It takes him to the next photo of the album.
 - The rank of the photo displayed is updated.
- ➔ When the user rolls over the yellow or red click zone, the arrows are changed to white color.

4.7.5 Set as main photo

If the user is viewing a primary photo and if this photo is validated, we display a wording above the photo, a link “Set as my main photo”.



When the user clicks on this link the selected photo replaces the current main photo. (Same behavior as on the photo manager: [cf set a photo as the main one](#))

This becomes active at click.

Once the action done, the link changes to a confirmation text - **text to be defined.**

The link is underlined on roll over.

- This feature is only available on validated Primary photos – never for album or photos in moderation.
- The link is not displayed if the selected photo is already the main one.

4.7.6 Photo in moderation

If the photo displayed is in moderation, we display a wording above the photo “Photo is being moderated”.

The wording can be displayed for both primary and album photos.

(Displayed as the link “Set as my main photo”)



4.7.7 Back

When the user clicks on “Back”, he is redirected to Layer 1 – photo manager

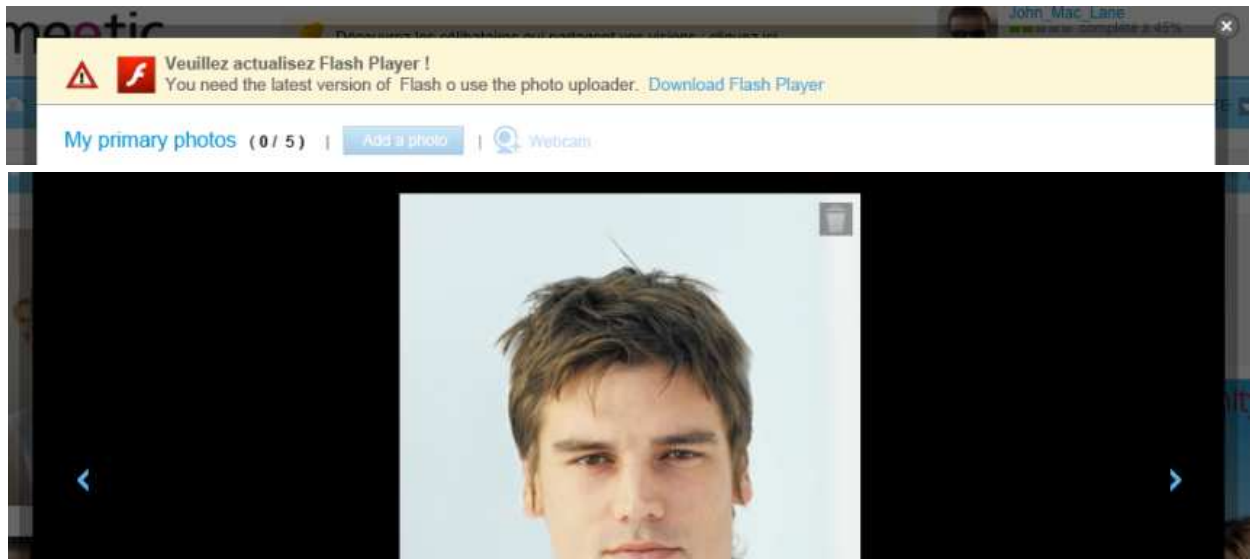
4.7.8 Add a photo

When the user clicks on “Add a photo”, it’s the equivalent of selecting a photo = it opens the default window of the browser → cf [photo uploader layer](#)

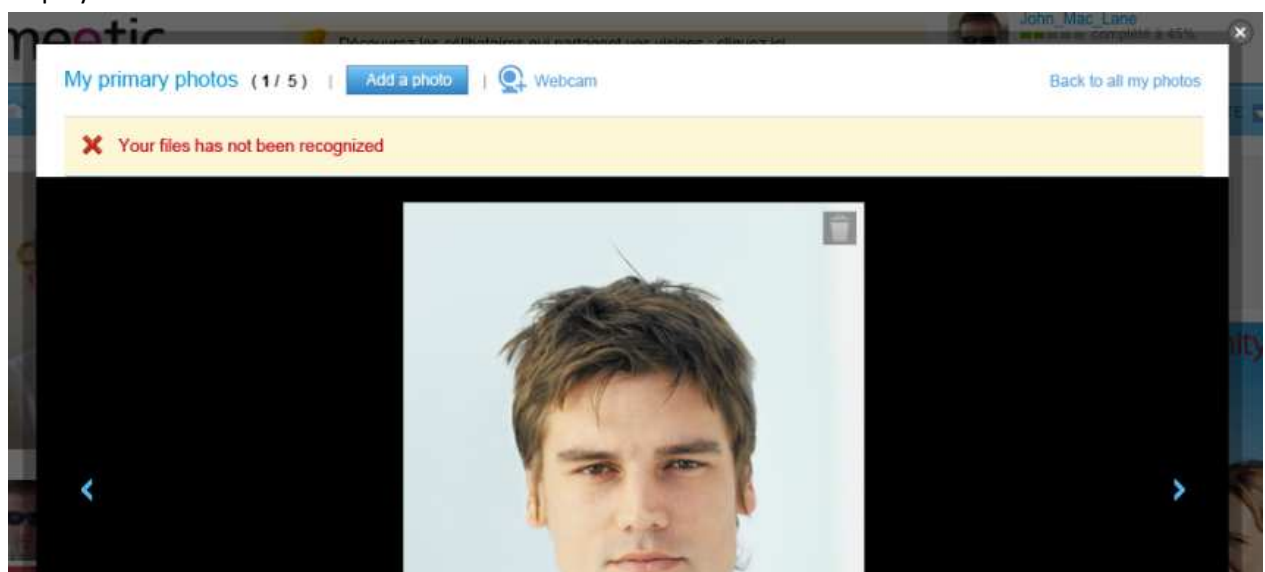
- If the user is in his primary photo album:
 - The button “Add photo” won’t be displayed if he already has 5 primary photos uploaded
 - The selected photo for the upload will be sent to the PORTRAIT moderation cue
- If the user is in his album photo:
 - The button “Add photo” won’t be displayed if he already has 20 photos uploaded in his album
 - The selected photo for the upload will be sent to the ALBUM moderation cue

4.7.8.1 Error messages

- If user doesn't have flash installed:
 - the buttons "Add photo" and "Webcam" are disabled (displayed differently)
 - a message is displayed at the top of the layer to download Flash (*iso Sub1 – keep same message & link*):

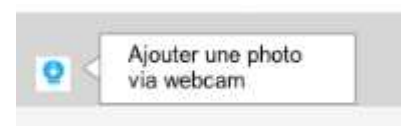


- If the user selects a photo that doesn't match with the constraints (*same as sub1*) an error message is displayed in red under the title.



4.7.9 Webcam

- If the user has reached the nb max of uploaded photos (validated or in moderation = 5 or 20) the webcam picto is not displayed.
- If the user has a webcam installed, a picto "Webcam" is displayed and he can click on it.
- If the user doesn't have a webcam installed, another picto "Webcam" is displayed = a grey one but he cannot click on it → button disabled.



When he clicks on it, the photo uploader layer opens with specific wording & features for webcam → cf [photo uploader layer/ Webcam](#)

4.8 Layer 3 – Photo uploader

The user can add a photo by clicking on the appropriate button from:

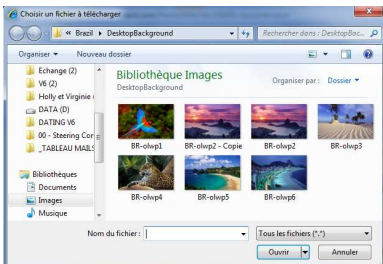
- Layer 1 – Photo manager : in Primary photo zone
- Layer 1 – Photo manager: in Album photo zone
- Layer 2 – Display photo (*from his primary or album photo*)

He can upload a photo by 2 different ways:

- Select a photo in his personal files
- Take a picture with the webcam if he has one.

4.8.1 Select a photo

When the user clicks on the button “add a photo”, it opens the default window of the browser where he can select the photo to upload. This is exactly the same mechanism as for Sub1 → [cf Select the photo](#)



Once the user has selected his photo, a new layer is displayed = Photo uploader – it replaces his origin page.

On this layer we have:

- Title
- Display of the selected photo
- Action buttons above the photo:
 - Zoom In
 - Zoom out
 - Drag
 - Rotate (x2 – left, right)
 - Delete
- Action button “Save”
- Link “Back”



4.8.2 Webcam

When the user clicks on the button “Webcam”, a new layer is displayed = Photo uploader – it replaces his origin page (layer 1 or 2).

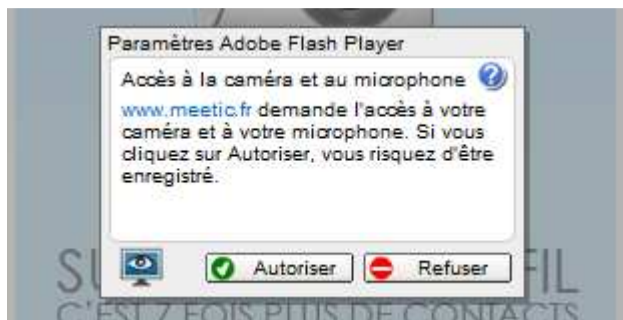
Unlike selecting a photo, taking a photo with the webcam implies a new step between the click on the button and saving the photo, so we’ll have:

1. Click on button “Webcam”
2. Display layer 3 with the webcam image
3. Take the photo
4. Save the photo

4.8.2.1 Default flash message

Once the user has clicked on the button “Webcam” (on layer 1 or 2), the layer photo uploader is displayed with the default flash message → this asks the user authorization to access his webcam & mic.

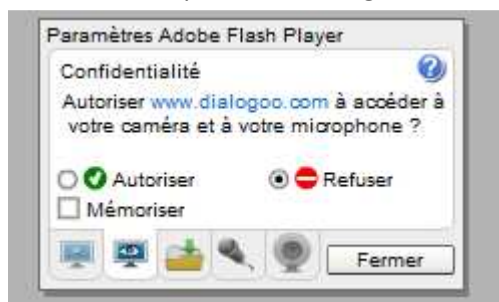
By default we have something like this with just 2 buttons: authorize or refuse



If possible, we would prefer to add a remember checkbox in order to avoid this message each time layer 3 is loaded.

- ⇒ If the user clicked on “Remember” and Authorize, this default flash message won’t be displayed anymore. We want to have this message 1 time max.

- ⇒ This is an example of the dialog box we would like to have:



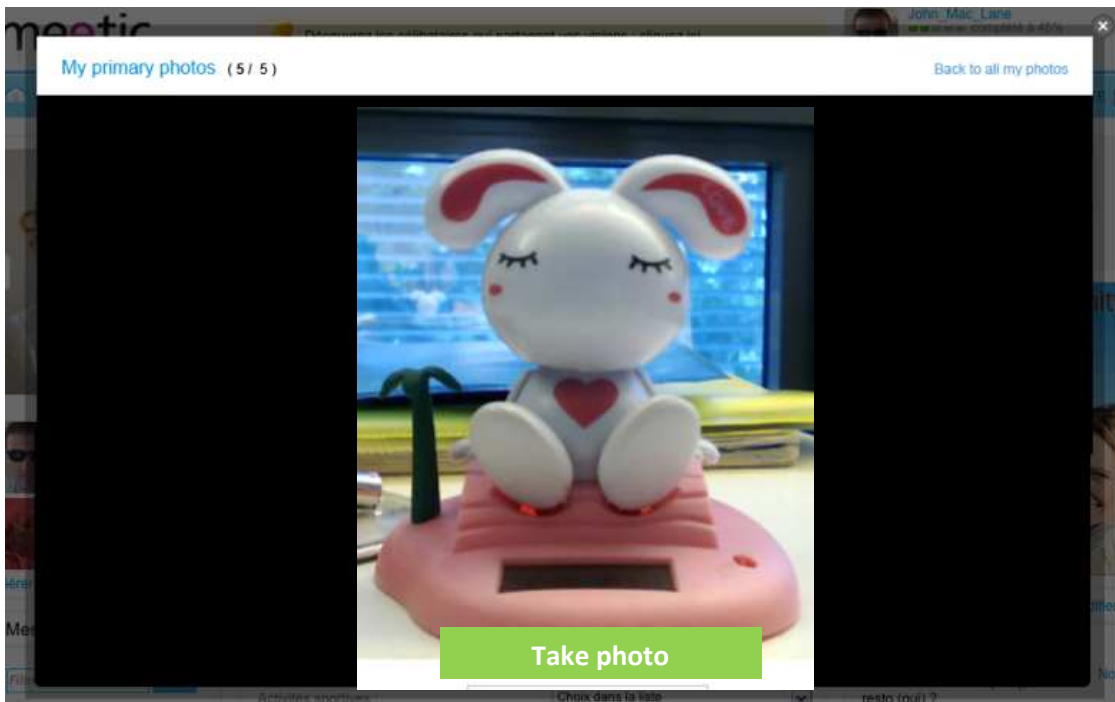
4.8.2.2 Display the webcam image – take photo

If the user has authorized the access on the previous dialog box, then the layer photo uploader is displayed with the image “live” of the webcam. The user can adjust his position to place his face on the frame.

When he’s ok with the image, he can click on the button “Take photo” that takes a screenshot of the webcam image.

At this step, on the layer we have:

- Title
- Link “Back”
- Display of the webcam image
- Action button “Take photo” → leads to the next step which lets the user save his photo



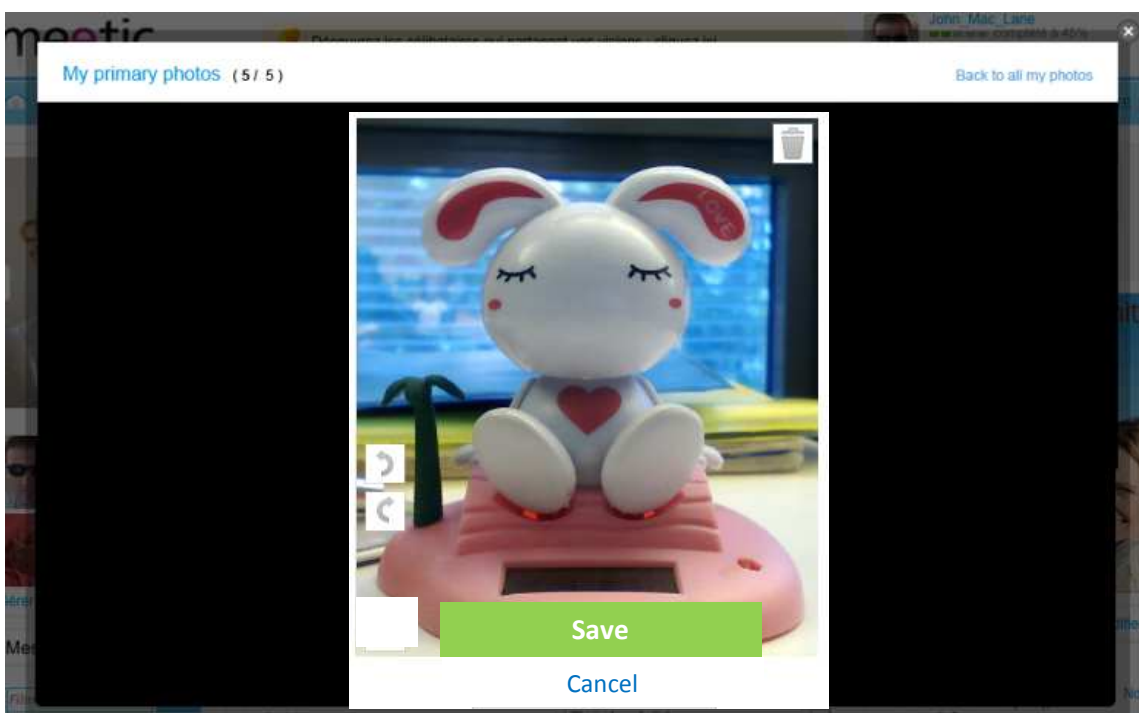
4.8.2.3 Save photo

Once the user has taken the photo, only 3 simple action buttons are available before uploading it to the server (only rotate + delete)

He cannot drag the photo or zoom in / zoom out at this step because of the quality image. We keep the image as the origin.

So just after the previous step, we now have on the layer:

- Title
- Link "Back"
- Display of the image taken by the user
- Action buttons above the photo:
 - o Rotate (x2 – left, right)
 - o Delete
- Action button "Save"
- Link "Cancel"



4.8.3 Title clickable

The title of the layer “Photo uploader” is clickable → when the user clicks on this link, he’s redirected to Layer 1 = photo manager and the loaded photo is saved & sent to moderation = equivalent of button “Save”

4.8.4 Display & resize of the photo

Once the user has selected his photo, the photo is displayed in this frame with the same constraints & mechanism as for sub1 → cf [resize the photo selected](#)

- This mechanism is not applicable if the user adds a photo with the webcam

4.8.5 Zoom



When the user uploads a photo it is not fully displayed, we display only the zone which matches with the expected size = 300x350px.

- If the photo is smaller than 300x350px: the photo is fully displayed in the frame.
- If the photo is wider than 350px, then the photo is centered into the middle of the frame.

In this case the user can zoom out or in to show a better view of his face. After this zooming action, it is the zone displayed in this frame that will be sent to moderation.

⇒ Get the source of the former flash applet to implement the same feature on the new component.

4.8.6 Drag

This feature is iso Sub1 → cf [Drag the photo](#)

4.8.7 Rotate

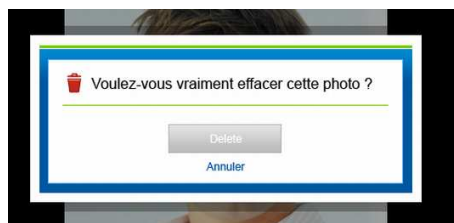


This feature is iso Sub1 → cf [Rotate the photo](#)

4.8.8 Delete



When the user clicks on the picto “delete”, a confirmation message is displayed with 2 action buttons:



** the buttons should be reversed – mockup not ok*

“Are you sure you want to delete this photo?”

Cancel – Delete “

➔ If the user clicks on “Cancel” (button):

- No change
- We close the confirmation message
- The photo selected is displayed as before
- The button Save is still available

➔ If the user clicks on “Delete” (link underneath):

- The current photo is deleted

- The user goes back to Layer 1: Photo manager.
- There is no confirmation message

4.8.9 Back

If the user clicks on the link “Back” → same behavior as the Delete button = [cf Delete](#)

4.8.10 Close layer



If the user clicks on the X, this closes the layer completely and sends him back to his profile page.

- The photo is not saved & not sent to CC.

4.8.11 Save

4.8.11.1 Primary photo

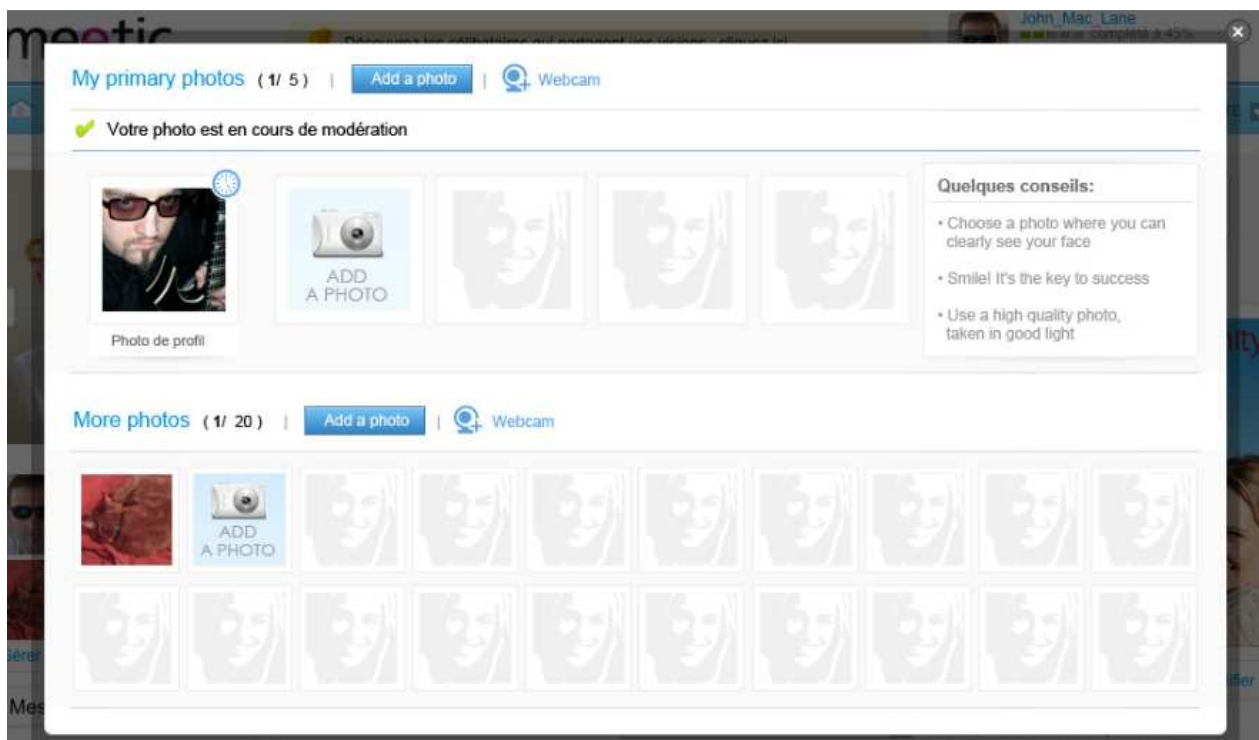
4.8.11.1.1 Upload photo

If the click's origin of the user is from Layer 1 – **Primary photo zone**, when the user clicks “Save” → the photo is uploaded to the server and sent to the **Portrait** moderation cue.

- [cf Upload photo to the server – send to moderation](#)

4.8.11.1.2 Display photo on layer 1

- Once the photo has been uploaded to the server, Layer 3 closes and the user is redirected to Layer 1 – Photo manager.
- Then the photo is displayed with a picto moderation in the mini photos on Layer 1 – on primary photo zone.
- A new message is displayed under the title : “[Your photo is being moderated](#)”



4.8.11.2 Album photo

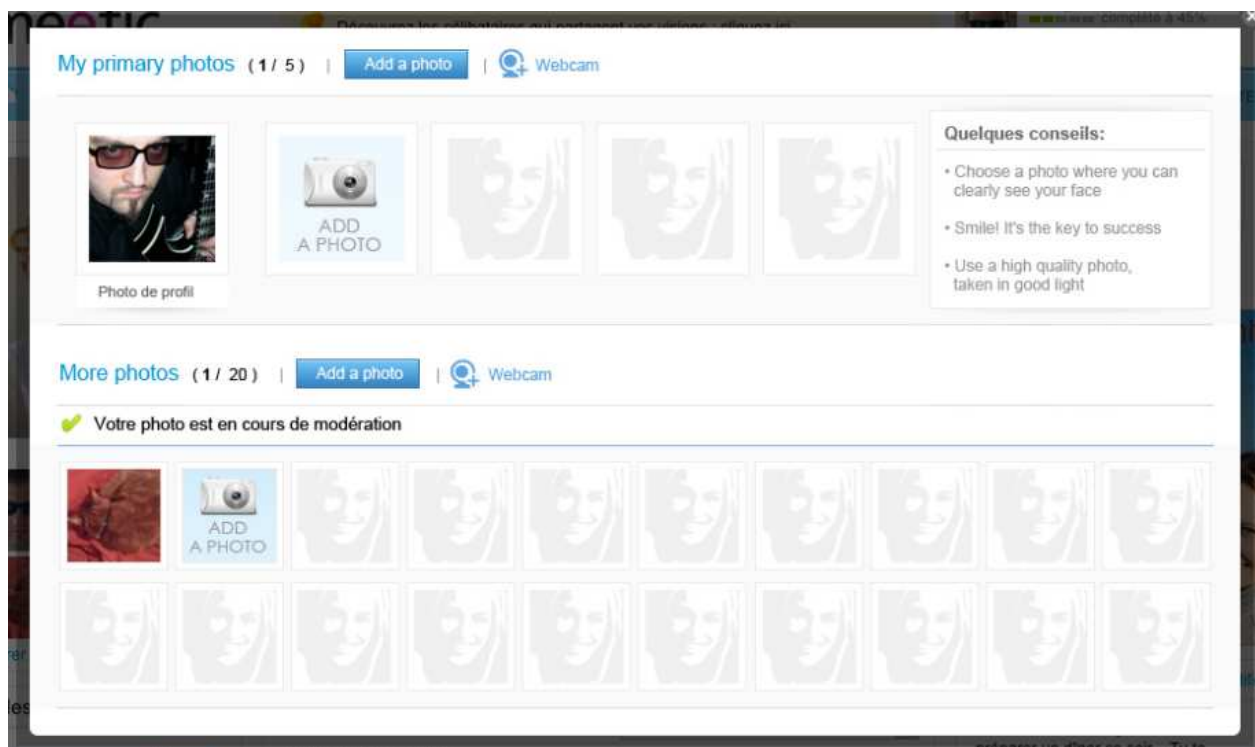
4.8.11.2.1 Upload photo

If the click's origin of the user is from Layer 1 – **Album photo zone**, when the user clicks “Save” → the photo is uploaded to the server and sent to the **Album** moderation cue.

- [cf Upload photo to the server – send to moderation](#)

4.8.11.2.2 Display photo on layer 1

- Once the photo has been uploaded to the server, Layer 3 closes and the user is redirected to Layer 1 – Photo manager.
- Then the photo is displayed with a picto moderation (*missing in the mockup below*) in the mini photos on Layer 1 – on album photo zone.
- A new message is displayed under the title : “[Your photo is being moderated](#)”

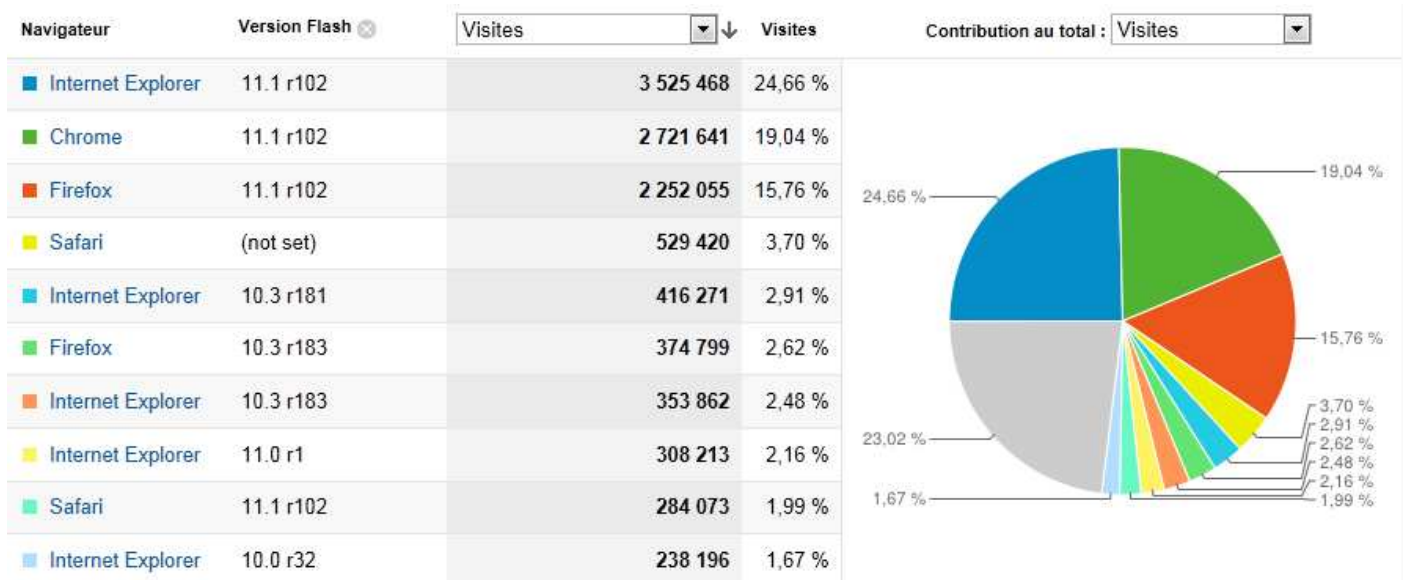


5 Technical implementation

5.1 Constraints

5.1.1 Flash

Based on Meetic.fr statistics (March the 30th) today **99,94%** of our users have flash installed – here's an overview:

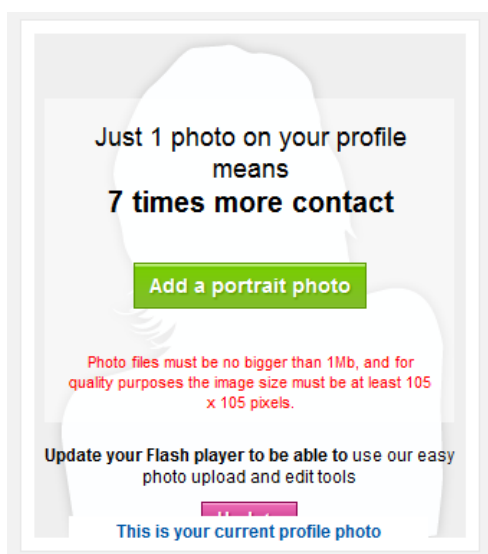


Considering these figures, we assume it's useless to have an alternative version full JS and compliant cross-browsers as it's the case for the current flash applet.

Indeed currently on the photo page or on the myprofile page, when the user doesn't have flash, a very simple JS version is displayed instead of the applet but is very limited => no zoom, no drag, no rotation possible and photo limited to 1Mb only.











- Therefore, we don't have to develop an alternative version for users without flash and on "old" versions of browser (like IE7)

For info here's the current alternative version full JS when flash is not installed or disabled



5.1.2 Flash version

Based on Meetic.fr statistics (March the 28th), we can see we should be compliant for flash from version 10.3 minimum:

Version Flash	Visites	Visites
1.  11.1 r102	8 830 708	60,20 %
2.  10.3 r183	885 072	6,03 %
3.  (not set)	835 224	5,69 %
4.  10.3 r181	761 978	5,19 %
5.  11.0 r1	618 679	4,22 %
6.  10.1 r102	435 925	2,97 %
7.  10.0 r32	324 800	2,21 %
8.  10.2 r152	254 460	1,73 %
9.  10.0 r45	249 061	1,70 %
10.  10.0 r22	186 310	1,27 %