| From: | ▓▓▓▓▓▓ |
|---|---|
| Sent: | Thursday, October 24, 2013 10:31 AM PDT |
| To: | Gal Shabtay |
| CC: | ▓▓▓▓▓▓ |
| Subject: | Re: images for fusion algorithm evaluation |

Hi Gal,

My initial impression of the images CP provided has been quite positive. Thanks!

I do have a few questions about the application:

I assume that the application is being tuned for the Canon 40D with the 16-35mm lens, correct? What format will the application take (a mac app? windows? snapdragon? will it run on CPU / GPU). I feel like I should know the answers to these questions now but would like to have the details filled in.

Will the application be able to process a pair of tele and wide images that have been captured with different f/#s? We expect that any practical camera system will have this.

For the test system we are using with the Canon several things are over-simplified. Since the same sensor with the same CRA and pixel structure is being used the color & noise are the same for both wide and tele. Will I be able to add a color cast to the input images to simulate a real system that has two different sensors?

Will the application work with only RAW images or can processed RGB images be passed in as well?

Thanks in advance,

▓▓▓▓

☐ ▓▓▓▓▓▓▓▓▓▓@apple.com

On Oct 24, 2013, at 5:44 AM, Gal Shabtay <gshabtay@corephotonics.com> wrote:
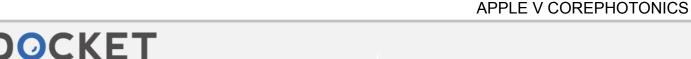
> Hi ▓▓▓▓
>
> We are at the final stages of preparing the application (still on track for Oct. 27th).
> I was wondering if you have any feedback on the images we sent or anything else that we need to consider before sending the application.
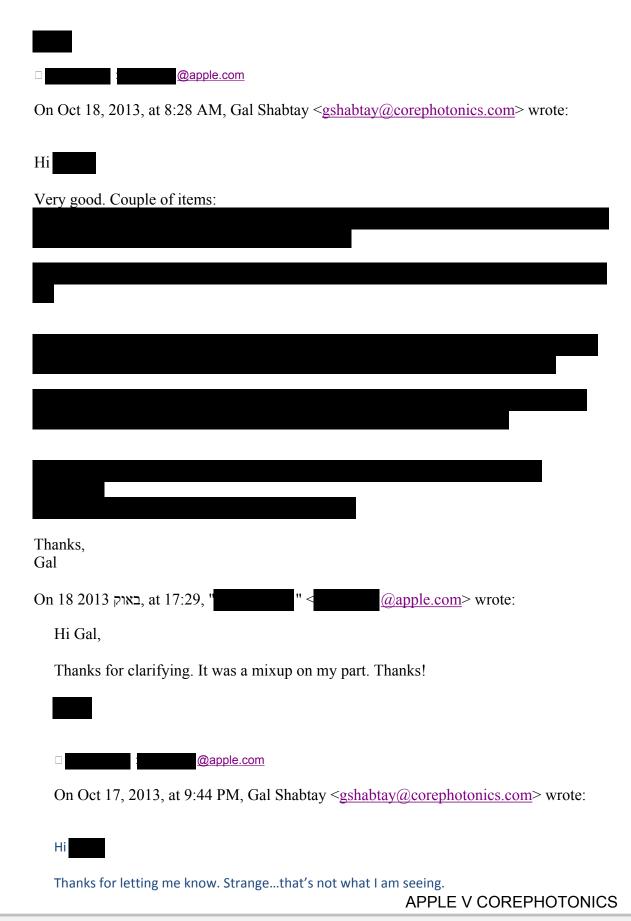>
> Thanks,
> Gal

APPLE V COREPHOTONICS

**From:** Gal Shabtay
**Sent:** Sunday, October 20, 2013 1:13 PM
**To:** ███████
**Subject:** RE: images for fusion algorithm evaluation

Hi ████

████████████████████████████████████████
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████████████

Thanks,
Gal

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**From:** Gal Shabtay
**Sent:** Friday, October 18, 2013 9:16 PM
**To:** ███████
**Subject:** Re: images for fusion algorithm evaluation

Hi ████

████████████████████████████████████████
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██████████

Thanks,
Gal


Sent from my iPhone

On 18 2013 באוק, at 20:49, ███████████ <███████@apple.com> wrote:

Hi Gal,

Comments below,

Thanks!

█████

☐ ██████ ███████ @apple.com

On Oct 18, 2013, at 8:28 AM, Gal Shabtay <gshabtay@corephotonics.com> wrote:

Hi ████

Very good. Couple of items:

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Thanks,
Gal

On 18 2013 באוק, at 17:29, "████████" <████████@apple.com> wrote:

Hi Gal,

Thanks for clarifying. It was a mixup on my part. Thanks!

████

☐ ██████ ███████ @apple.com

On Oct 17, 2013, at 9:44 PM, Gal Shabtay <gshabtay@corephotonics.com> wrote:

Hi ████

Thanks for letting me know. Strange...that's not what I am seeing.

I am attaching a few snapshots from my screen.

Can you check?

Thanks,
Gal

---

**From:** ████████ [mailto:████████@apple.com]
**Sent:** Friday, October 18, 2013 4:01 AM
**To:** Gal Shabtay
**Cc:** ████████████████████████████████████
**Subject:** Re: images for fusion algorithm evaluation

Hi Gal,

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████████████████████████████████████████████████████
████████████████████████

Thanks in advance!

████

☐ ████████ : ████████@apple.com

On Oct 17, 2013, at 5:07 AM, ████████ <████████@apple.com> wrote:

Yes that's correct. Thanks for the rapid response!

████

On Oct 17, 2013, at 3:46 AM, Gal Shabtay <gshabtay@corephotonics.com> wrote:

> Hi ████
>
> ████████████████████████████████████
>
> Thanks,
> Gal

---

**From:** Gal Shabtay
**Sent:** Thursday, October 17, 2013 11:17 AM
**To:** ████████
**Cc:** ████████████████████████████████
**Subject:** RE: images for fusion algorithm evaluation

Hi ███

███████████████████████████
███████    ████████████████
███████████████████████████
████████

Thanks,
Gal

---

**From:** ████████ [mailto:████████@apple.com]
**Sent:** Thursday, October 17, 2013 4:19 AM
**To:** Gal Shabtay
**Cc:** ███████████████████████
**Subject:** Re: images for fusion algorithm evaluation

Hi Gal,

Is it possible to add the fusion results for the 3x zoom case for the following scenes?

    lab_800lx_100cm
    lab_10lx_100cm
    church_2
    target1_220cm

Thanks again!
████

☐ ████████ : ████████@apple.com

On Oct 16, 2013, at 7:16 AM, ████████ <████████@apple.com> wrote:

Hi Gal,

This is fine. For the zero parallax case the best scenes for evaluation will be:

lab_800lx_100cm
lab_10lx_100cm
church_2
target1_220cm

with zoom factors 1x, 1.5x and 2x.

Thanks!

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