From:	
Sent:	Thursday, October 24, 2013 10:31 AM PDT
То:	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 <<u>gshabtay@corephotonics.com</u>> wrote:

Hi

We are at the final stages of preparing the application (still on track for Oct. 27<sup>th</sup>). 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

RM

DOCKF

APPLE V COREPHOTONICS

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

Hi

Thanks, Gal

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

Hi

Thanks, Gal

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RM

Sent from my iPhone

On 18 2013 באוק at 20:49, באוק (@apple.com> wrote: Hi Gal, Comments below, Thanks!

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@apple.com

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

Hi

Very good. Couple of items:

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

RM

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

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I am attaching a few snapshots from my screen.

Can you check?

Thanks, Gal

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

Hi Gal,

Thanks in advance!	
apple.com	
On Oct 17, 2013, at 5:07 AM,	<u>@apple.com</u> > wrote:
Yes that's correct. Thanks for the rapid response!	
On Oct 17, 2013, at 3:46 AM, Gal Shabtay < <u>gshabtay@corepho</u>	otonics.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	
	APPLE V COREPHOTONICS

Hi		
Thanks, Gal		

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!

 Image: Image:

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!

RM

DOCKE

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