E-Mail

Re: Aw: Re: [EMC2] Fw: EMC2 demonstrations: Thank you ... and a little request ...

Von:	"Roman Juranek" <ijuranek@fit.vutbr.cz>
An:	"Alfred Hoess" <Alfred.Hoess@web.de>
Datum:	14.10.2016 09:45:19

Dear Alfred

Find below the descriptionm of the demo.

Best regards

Roman Juranek, BUT

The demosntrtor shows the real-time detection of objects on Zynq platform integrated in the camera. It is a part of UC12.2.3 - Signal and image processing use case.

In this case the camera detects license plates, but the detector can be easily changed to detect e.g. faces, cars or other objects. All this without changing the hardware architecture. Only by changing the detector model.

The detector is executed on Zynq platform, heavily employing FPGA which implements the detection itself. The processing speed is 60 frames per second for 720p HD video. The locations of detected objects can be sent out as image metadata. In this demo, we draw the detected objects back to the image as rectangles. The image is encoded with H.264 codec and streamed through wireless network to client display (laptop running VLC video player) showing the detection result.

On 13.10.2016 18:52, Alfred Hoess wrote:
Dear Roman,

thanks a lot. Can you please provide me with few paragraphs explaining the demonstration a bit?

Thanks and best regards,
Alfred

> **Gesendet:** Donnerstag, 13. Oktober 2016 um 13:13 Uhr
> **Von:** "Roman Juranek" <ijuranek@fit.vutbr.cz>
> **An:** "Alfred Hoess" <Alfred.Hoess@web.de>
> **Betreff:** Re: [EMC2] Fw: EMC2 demonstrations: Thank you ... and a little request ...
>
> Dear Alfred,
>
> We did present a demonstrator on the project conference. However, we do not have video nor poster. Here is an image of the demo which you can use in the deliverable.
>
> https://www.dropbox.com/s/zdkopuccljc5bon/IMG-20160928-WA0004.jpeg?dl=0
>
> Description: A camera with integrated object detector (license plates in this case) captures an image.

Detection results are streamed to the laptop and displayed. Use case UC12.2.3.

Best regards

Roman Juranek, BUT

On 13.10.2016 06:43, Alfred Hoess wrote:
Dear all,

once again thank you very much for your demonstrations during the project conference in Paris.

Please let me kindly remind you to provide me with the demo material, posters, videos etc. as written in my earlier email. We need this material for writing deliverable D13.20 (project exhibition) which was due end of September.

So far, I received following material:
a) CEA (4 posters)
b) Magillem (1 poster)
c) Silkan (1 poster)
d) Simula et al. (1 poster)
e) TASI (1 poster)
f) Freescale (NXP CZ) (1 poster)
g) KTH (2 posters)
h) UoBr (1 poster)
i) Thales (1 poster)

As I remember there were more interesting posters and also videos / screen presentations presented.

If not yet done, please provide me with this info asap. We need to submit the final deliverable asap.

Thank you and best regards,
Alfred

> **Gesendet:** Sonntag, 02. Oktober 2016 um 16:39 Uhr
> **Von:** "Alfred Hoess" <Alfred.Hoess@web.de>
> **An:** ssaez@iti.es, jcperez@iti.es, Petr.lukas@nxp.com, Marek.novak@nxp.com, philippe.ravier@silkan.net, pascal.aristote@silkan.com, Steve.Kerrison@bristol.ac.uk, Martin.Terry@infineon.com, zuhal.clarke@infineon.com, Youssef.Zaki@alten.se, johnnyob@kth.se, jad@kth.se, dario.pascucci@thalesaleniaspace.com, hans.petter.dahle@fornebuconsulting.com, "Vaclavek Pavel" <Pavel.Vaclavek@ceitec.vutbr.cz>, jimmy.lerhun@thalesgroup.com, moha.ait-hmid@cea.fr, paul.dubrulle@cea.fr, pfeiffer@magillem.com
> **Cc:** "Werner Weber" <Werner.Weber@infineon.com>
> **Betreff:** EMC2 demonstrations: Thank you ... and a little request ...
>
> Dear all,
>
> first of all, please let me thank you for your impressive demonstrations and poster presentation shown at the project conference in Paris on Sept. 28. I hope, I did not miss anybody in the address list of this email. If so, please feel free to forward this email to the right person.
>
> As you may know there is a deliverable D13.20 "EMC2 Exhibition" which is due by end of September 2016. In agreement with the PMT, I took the lead for the related deliverable, but I need your support: The exhibition meant with this deliverable concerns the EMC2 demonstrations within the Systematic Cluster Conference 2016. As discussed with some of you in Paris already, I kindly ask you to provide me with:
> a) electronic version of the posters presented (at best PPT)
> b) any other material that might be used for the deliverable report and/or publication via the public website (e.g. slide show, videos)
>
> Please send this info either by email or upload the material to EMDESK into folder:
> https://emdesk.eu/cms/?p=334&hash=9E3MzAxcmVkaXJlY3Q7Zm9sZGVyOz1
> (03_Meetings => Consortium_Conferences => 20160927_EMC2_Conf_4_INRIA => Demonstrations)

> Thanks a lot in advance.
>
> Best regards,
> Alfred