
Subject: Re: Constructioun of SOP instance

Posted by [Paul Sommer](#) on Mon, 29 Jan 2007 05:36:58 GMT

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On Jan 26, 7:30 am, Laurens <mr....@inter.nl.net> wrote:

> Hi Folks,
>
> I'm trying to get my DICOM-file imported in another program (Siemens
> E.Soft) to be analysed. My program writes the DICOM with the
> idlFFdicomEx-library, which seems to go just fine.
> But, my export isn't imported into the program; I compared header of
> both a file that actually does import and my own file that doesn't
> import, and the difference appears to hide in the SOP Instance UID.
>
> iirc, that should be just an unique ID, but it isn't...when I change
> that header (0008,0018) into something else (eg. add 2 to it) it doesn't
> work anymore. So I wondered how this UID is being generated and how I
> can create it in a way that it'll be accepted by other programs?
> Normally, the idlFFdicomEx-class automatically generates this header,
> but I think there might be a problem there...
>
> Is there anyone around who can shed some light over this? Anyone with
> Siemens e.soft knowledge would be very nice hehe, but if we can
> understand that SOP Instance UID a bit better we are already helped I
> think...
>
> Kind regards,
>
> Laurens

Please contact me directly for more info. I have documentation on how to extend eSoft with IDL that I "think" I can share with you. After you contact me, we can figure out if the content can be released, etc. If your work is for research and not clinical development, we should be okay. Thanks.

-Paul
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303-402-4679

Subject: Re: Constructioun of SOP instance

Posted by [Robbie](#) on Tue, 30 Jan 2007 00:41:22 GMT

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The IDL Broker exhibits very strange behaviour if you don't generate both a new SOP instance *and* SeriesUID. If you are creating multiple secondary capture images, then use the same new SeriesUID for all

output images, and use a separate SOP instance for each output image. This makes the Output Series unique from the Input Series.

You should use the UID generation function included on your E.Soft workstation. Otherwise, you can use the one I included in my GDLffDICOM package.

Robbie

Subject: Re: Constructioun of SOP instance
Posted by [Laurens](#) on Fri, 16 Feb 2007 13:56:10 GMT
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Robbie wrote:

- > The IDL Broker exhibits very strange behaviour if you don't generate
- > both a new SOP instance *and* SeriesUID. If you are creating multiple
- > secondary capture images, then use the same new SeriesUID for all
- > output images, and use a separate SOP instance for each output image.
- > This makes the Output Series unique from the Input Series.
- >
- > You should use the UID generation function included on your E.Soft
- > workstation. Otherwise, you can use the one I included in my
- > GDLffDICOM package.
- >
- > Robbie
- >
- >

yeah going to use yours, the e.soft DLM didn't work out for me (it didn't like IDL 6.3 :())
Can ya tell me where i can find yours?

Thnx, Laurens

Subject: Re: Constructioun of SOP instance
Posted by [Laurens](#) on Fri, 16 Feb 2007 14:09:12 GMT
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Robbie wrote:

- > The IDL Broker exhibits very strange behaviour if you don't generate
- > both a new SOP instance *and* SeriesUID. If you are creating multiple
- > secondary capture images, then use the same new SeriesUID for all
- > output images, and use a separate SOP instance for each output image.
- > This makes the Output Series unique from the Input Series.
- >
- > You should use the UID generation function included on your E.Soft

> workstation. Otherwise, you can use the one I included in my
> GDLffDICOM package.
>
> Robbie
>
>

By the way, I found this:

<http://sophorus.mine.nu/genuid>

would that suffice?
