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 Open Exchange

Interoperability example. DICOM production + simulator

Hi developers! have you ever implemented a DICOM integration? Maybe you have searched for an example, or even a simulator. Here you can find a example that may be useful.
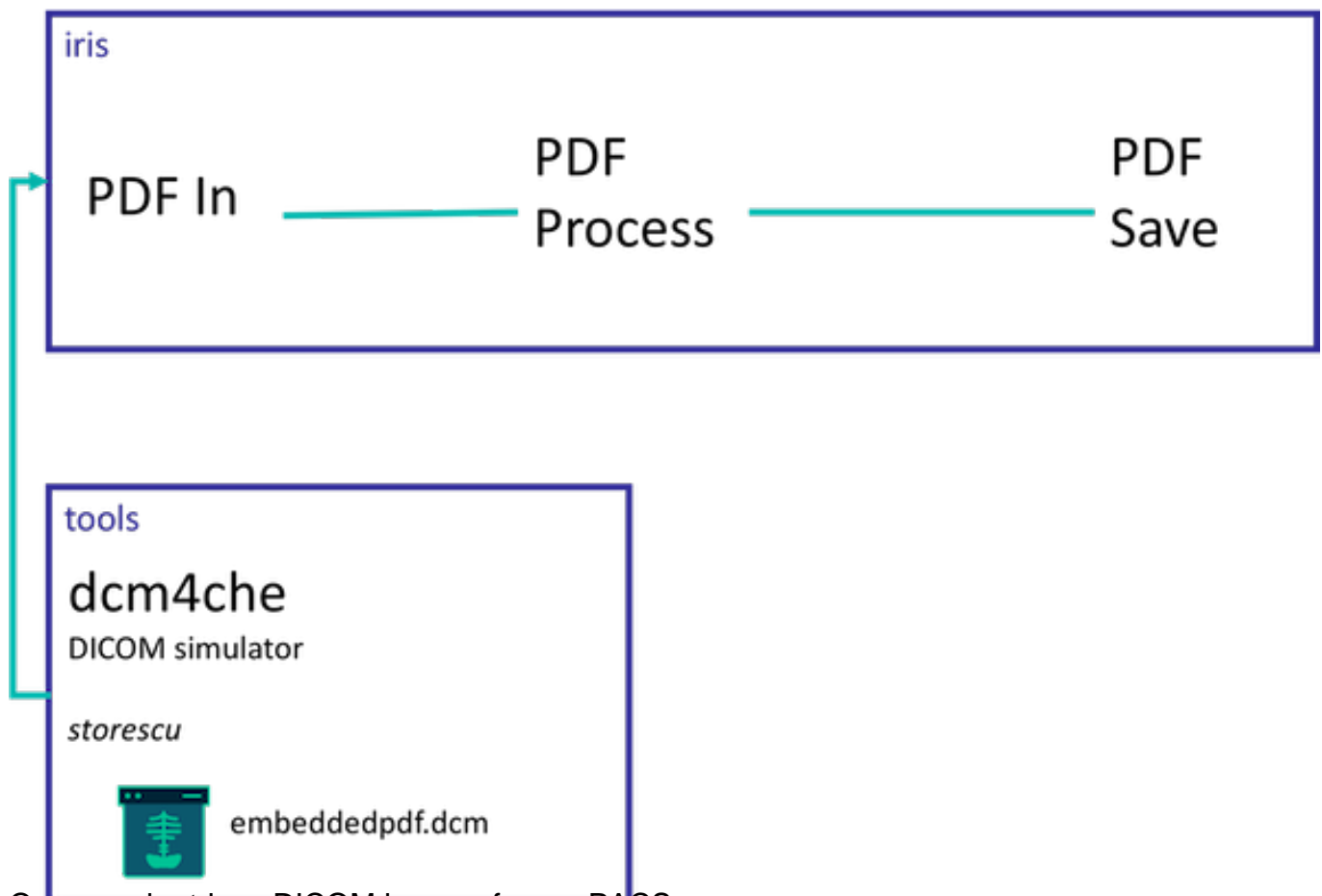
DICOM is a message standard widely used in healthcare for diagnostic images.You can use DICOM standard in interoperability productions using both *IRIS For Health* and *Health Connect*, here you can find the [documentation](#).

On many occasions, when you are developing a DICOM integration it's really useful that you can run a simulator to play as some external system (e.g. PACS), allowing you to fully test the flow you want to implement before even trying to connect to a real system.

Here you can find an DICOM integration example using IRIS For Health and also a simulator called [dcm4che](#)

In the example, there are two different scenarios implemented:

Receiving a DICOM message with a embedded PDF

Query and retrieve DICOM images from a PACS

Query flow:

Retrieval flow:

Any contribution will be very welcomed :)

#Interoperability #Health Connect #InterSystems IRIS for Health
Check the related application on InterSystems Open Exchange

Source URL:https://community.intersystems.com/post/interoperability-example-dicom-production-simulator

Any contribution will be very welcomed :)

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