

Structured Data Capture (SDC) System Manual

Jun 2018 Version 1.0

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Introduction

Structured Data Capture (SDC) allows for the creation of coherent standardized Question/Answer sets (QAS) in Data Entry Forms (DEFs). SDC includes the content and design of QAS items in DEFs on a computer screen, the behavior of DEFs during user-DEF interactions, the transfer and display of DEF user responses, storage of DEF-captured data, the allowance to re-edit the original DEF captured data as well as create reports based on the captured DEF data.

There are three primary actors in the SDC ecosystem, each of which is a diverse kind of node in an SDC transaction network:



1. Form Managers (FMs) store the Form Design Files (FDFs) in a repository and transfers them immediately in response to requests from Form Fillers (FFs). Form Creators upload FDFs to one or multiple Form Managers.

Form Fillers (FFs) retrieve FDFs from a Form Manager in the form of an HTML or URL from where the SDC HTML can be retrieved. FFs can also transform the XML as a DEF using programming languages, capture and validate the user-entered responses in the DEF, as well as implement rules that define the behaviors/actions of the forms in response to user interactions. Lastly, FFs can store and/or transfer the captured response data that is contained in the original FDF.

Form Receivers (FR) receive the SDC response data in an FDF-R (an FDF that contains user responses) file from the Form Filler and process the data according to their own needs. Form Receivers are also responsible for storing the SDC data as native SDC XML and/or in another storage format.

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The CAP SDC tool is a browser-based tool that allows users to request an SDC form from the CAP Form Manager repository. The Form Filler can request available SDC packages in various formats such as XML, HTML and URI from the registered/authorized Form Manager. The Form Manager will process the request and returns the requested SDC form.

The Form Filler will input the data and submit the form response to the Form Receiver.

This user manual provides instructions for accessing the SDC tool from the CAP Server. It also provides an introduction to using the SDC tool, including instructions for viewing and interacting with various IHE transactions.

Comments and Contact Information

Please send comments/questions or feedback to the CAP SDT:

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System Compatibility

The SDC web tool is compliant with the operating systems and browsers listed below.

Windows 7, 8, 8.1 & 10 Compatible: Not Recommended Websites and Applications	Microsoft Internet Explorer (10, 11)	Microsoft Edge	Mozilla Firefox	Google Chrome	Notes
SDC Web Tool		8		O	 HOW TO ADJUST BROWSER SETTINGS Enable pop-ups Enterprise mode must be turned off (for IE11 only)
Mac OSX Compatible: Not Recommended Websites and Applications	Mac Safari (7.1, 8, 9)		Mozilla Firefox	Google Chrome	Notes HOW TO ADJUST BROWSER

SDC Web Tool				•	HOW TO ADJUST BROWSER SETTINGS
SDC Web 1001		\bigcirc	\bigcirc	-	Enable pop-ups
				•	For IE 11 Only: Enterprise mode must be turned off

Login Instructions

There are two approaches to access and navigate the "CAP SDC" web tool.

Approach 1 – Via the CAP Website

- 1. Click the following CAP website link <u>http://www.cap.org/capeCC</u>
- 2. Then click "Access CAP SDC Tool" on the right site. This will take you to the CAP SDC Tool Home page.

Approach 2 – Via Direct Login to the "CAP SDC" Web tool

1. Click the following CAP SDC website link. This will take you to the **CAP SDC Tool** Home page. <u>https://sdt.cap.org/SDCApp/Index.aspx</u>



CAP SDC Home Page

After launching SDC web tool in the browser, <u>https://sdt.cap.org/SDCApp/Index.aspx</u> Users will be presented with the SDC home page.

SDC home page includes various options at the right hand side top mentioned here-

- 1. Form Manger Lists all the available packages and Option to upload new SDC forms.
- 2. <u>Form Filler</u> Request SDC forms from authorized Form Manager in the specific content format with an option to send form to more than one form receiver.
- 3. Form Receiver Receives form and displays submitted content of the received form.
- 4. <u>Configuration</u> This option supports adding new form mangers and form receivers.
- 5. <u>Transaction Log</u> Displays all the transactions that occurred between various actors.



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Form Manager

After clicking on the "<u>Form Manager</u>" option at the top of the page, users will be presented with all the available forms in the Form Manager Repository.



Form Manager Form Filler Form Receiver Configuration Transaction Log

Form Manager

Available Packages

Package Id	Package Name	Form Id	Form Name	Submit Endpoint	Validation Path	Transform Path	Date Uploaded			
PKG_Adrenal	Adrenal Gland	FORM_Adrenal	ADRENAL GLAND	CDC	NewSchema	Working	11/14/2017 5:49:00 AM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update *
PKG_Adrenal+Demog	Adrenal Gland w Demog	FORM_Adrenal	ADRENAL GLAND	CDC	NewSchema	Working	11/30/2017 2:28:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update ×
PKG_AmpullaofVater	AMPULLA OF VATER	131.100004300	AMPULLA OF VATER	CDC	NewSchema	Working	11/30/2017 2:22:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update *
PKG_ANUSBx	ANUS Biopsy	133.100004300	ANUS	CDC	NewSchema	Working	11/30/2017 3:48:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update ×
PKG_AnusResection	ANUS Resection	134.100004300	ANUS	CDC	NewSchema	Working	11/30/2017 3:47:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update *
PKG_APPENDIX	APPENDIX NEUROENDOCRINE TUMOR	193.100004300	APPENDIX NEUROENDOCRINE TUMOR	CAP-PROD	NewSchema	Working	3/20/2018 9:44:00 AM	<u>View</u> XML	<u>View</u> HTML	Update 💌
PKG_Appendix_Net	APPENDIX NEUROENDOCRINE TUMOR	193.100004300	APPENDIX NEUROENDOCRINE TUMOR	CAP-PROD	NewSchema	Working	6/1/2018 11:49:00 AM	<u>View</u> <u>XML</u>	<u>View</u> <u>HTML</u>	Update *
PKG_APPENDIXResection	APPENDIX: Resection	135.100004300	APPENDIX	CAP-PROD, CDC- ECR, CDC-CR	NewSchema	Working	3/20/2018 9:45:00 AM	<u>View</u> XML	<u>View</u> HTML	Update *
PKG_Bone_Marrow	Bone Marrow	FORM_Bone	BONE MARROW	CDC	NewSchema	Working	11/28/2017 5:07:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update *
PKG_Breast_Bmk	Breast Biomarker	FORM_Breast_Bml	Breast Biomarker Reporting	CDC	NewSchema	Working	11/15/2017 2:12:00 PM	<u>View</u> XML	<u>View</u> HTML	Update *
PKG_Breast_Bmk+Demog	Breast Biomarkers w Demog	FORM_Breast_Bml	Breast Biomarker Reporting	CDC	NewSchema	Working	11/15/2017 2:28:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update *
PKG_Colorectal_Bmk+Demog	Colorectal Bmk w Demog	FORM_Colon_Bmk	Colon and Rectum Biomarker Reporting Template	CDC	NewSchema	Working	2/22/2018 3:00:00 PM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update ×
PKG_ColorectalBiomarker	Colorectal Biomarker	228.100004300	Colon and Rectum Biomarker Reporting Template	CDC	NewSchema	Working	1/25/2018 10:31:00 AM	<u>View</u> XML	<u>View</u> <u>HTML</u>	Update *
PKG_DISTAL_EXTRAHEPATIC_BILE_DUCTS	DISTAL EXTRAHEPATIC	142.100004300	DISTAL EXTRAHEPATIC BILE DUCTS	CAP-PROD	NewSchema	Working	3/20/2018 9:46:00 AM	<u>View</u> XML	<u>View</u> HTML	Update ×
PKG_INTRAHEPATIC_BILE_DUCTS	INTRAHEPATIC BILE	194.100004300	INTRAHEPATIC BILE DUCTS	CAP-PROD	NewSchema	Working	3/20/2018 9:48:00 AM	View XMI	View HTMI	Update *

CAP Form Manager displays all the available Packages with the following information:

- Package Id Package Identifier (CAP prefixes all the packages with PKG_***)
- Package Name Name of the Package
- Form Id Name of the form Id (Ckey for eCC SDC forms)
- Form Name Name of the SDC form
- Default Submission Endpoints registered with the package
- Date Uploaded- Displays when form was registered with the form manager
- Validation Path SDC schema version

Note-SDC has gone through various phases and hence different versions are available, recommend using the latest versions, unless legacy support required.



- 1. On this page, authorized user can add a new SDC Package by clicking on "choose file", which is indicated by the green arrow below.
- 2. The user can view a previously uploaded package in the XML (orange arrow).
- 3. The user can view a previously uploaded package in the HTML (red arrow) format.
- 4. Update a package if they choose to do so by clicking on the underlined "update" option indicated by the **blue arrow**.

COLL	EGE of AMERICAN					Form Manager	Form Filler Form Rece	iver Config	uration Tra	ansaction Lo
orm Manager	OLOGISTS								2	3
vailable Packages									/	۵ 🎽
Package Id	Package Name	Form Id	Form Name	Submit Endpoint	Validation Path	Transform Path	Date Uploaded			10
KG_Adrenal	Adrenal Gland	FORM_Adrenal	ADRENAL GLAND	CAP, JBS	NewSchema	Working	11/14/2017 5:49:00 AM	View XML	View HTML	Update
KG_Adrenal+Demog	Adrenal Gland w Demog	FORM_Adrenal	ADRENAL GLAND	CDC-CR	NewSchema	Working	11/30/2017 2:28:00 PM	View XML	View HTML	Update
KG_AmpullaofVater	AMPULLA OF VATER	131.100004300	AMPULLA OF VATER	CDC-CR	NewSchema	Working	11/30/2017 2:22:00 PM	View XML	View HTML	Update
KG_ANUS8x	ANUS Biopsy	133.100004300	ANUS	CDC-CR	NewSchema	Working	11/30/2017 3:48:00 PM	View XML	View HTML	Update
KG_AnusResection	ANUS Resection	134.100004300	ANUS	CAP	NewSchema	Working	11/30/2017 3:47:00 PM	View XML	View HTML	Update
KG_Appendix	APPENDIX NEUROENDOCRINE TUMOR	193.100004300	APPENDIX NEUROENDOCRINE TUMOR	CAP	NewSchema	Working	4/4/2018 11:17:00 AM	View XML	View HTML	Update
KG_Bone_Marrow	Bone Marrow	FORM_Bone	BONE MARROW	CDC-CR	NewSchema	Working	11/28/2017 5:07:00 PM	View XML	View HTML	Update
(G_Breast Invasive MEE	Breast Invasive MEE	189.100004300	INVASIVE CARCINOMA OF THE BREAST	CAP	NewSchema	Working	2/11/2018 2:35:00 PM	View XML	View HTML	Update
(G_Breast VEK	Breast VEK	189.100004300	INVASIVE CARCINOMA OF THE BREAST	CDC-CR	Schema	Ver4	2/11/2018 2:42:00 PM	View XML	View HTML	Update
KG_Breast-JLW	Breast-JLW	189.100004300	INVASIVE CARCINOMA OF THE BREAST	CDC-CR	NewSchema	Working	2/11/2018 2:33:00 PM	View XML	View HTML	Update
(G_Breast_Bmk	Breast Biomarker	FORM_Breast_Bmk	Breast Biomarker Reporting Template	CDC-CR	NewSchema	Working	11/15/2017 2:12:00 PM	View XML	View HTML	Update
(G_Breast_Bmk+Demog	Breast Biomarkers w Demog	FORM_Breast_Bmk	Breast Biomarker Reporting Template	CDC-CR	NewSchema	Working	11/15/2017 2:28:00 PM	View XML	View HTML	Update
(G_Breast_Bmk_1.002.001	Breast Biomarker 1.002.001			CAP	NewSchema	Working	5/22/2018 4:40:00 PM	View XML	View HTML	Update
KG_BreastBioMarkerJEO	BreastBloMarkerJEO	189.100004300	INVASIVE CARCINOMA OF THE BREAST	CDC-CR	Schema	Ver4	2/11/2018 2:36:00 PM	View XML	View HTML	Update
KG_BreastInv_RWS	2018BreastInv_RWS	189.100004300	INVASIVE CARCINOMA OF THE BREAST	CDC-CR	Schema	Ver4	2/11/2018 2:38:00 PM	View XML	View HTML	Update
2 pload New SDC Package Choose File No file cho	sen 1									
ackage ID										
Ickage Name Identit Endpoints CCR - https:// CCR - https:// JBS - https:// JBS - https:// JBS - https:// JBS - https:// JBS - https://	pappsnodts04.cap.org/SDCAcp/Service3/formreceiver. 10.242.12.3irlfsticService/Service.asmx adopiot.acurexebates.net/SDCService.asmx treopostemu.josintemational.com/Ine/SubmtSorm_Po	asmx A								
Upload										

When uploading a new file, click on "choose file" and navigate the finder window to choose the SDC compliance file that needs to be uploaded. Only SDC-compliant files can be uploaded.

If no file is chosen then the error message shown below will pop up.

sdt.cap.org says

Please select a file to upload.

If a file is chosen that is not SDC-compliant, then "Invalid file format" error message will pop up, indicating that the file chosen is not SDC -compliant and a different file must be chosen to upload.

If No Package ID information is entered then the error message shown below will pop up.



OK

8

SDC User Guide

sdt.cap.org says

Please enter package id.

If No Package Name is entered then the error message shown below will pop up.

sdt.cap.org says

Please enter package name.

If the user tries to upload a package without selecting a submit endpoint, this error message will appear:

sdt.cap.org says

Please select submit url(s) for this package

OK

OK









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User should fill out the remaining fields as shown in the example below of a Kidney Nephrectomy Package:

Upload New SDC	Package
Choose File	KidneyNeph1_SDC.xml
Name: KidneyNep Size: 46.55KB Type: text/xml	hrectomy_3.001.001_SDC.xml
Package ID	PKG_Kidney 2
Package Name	Kidney
Submit Endpoints	CAP - https://pappsnodts04.cap.org/SDCApp/Services/formreceiver.asmx CDC - https://10.242.12.3/rfdsdcService/Service.asmx CCR - https://sdcpilot.azurewebsites.net/SDCService.asmx JBS - https://interopxdemo.jbsinternational.com/lhe/SubmitForm_Port_Soap12
Validation Path Transform Path	NewSchema Vorking 4
Upload	5
	6

- 1. For the Package ID (orange arrow), start by labeling the item with "PKG_[insert title]".
- 2. The Package Name (purple arrow) can be a user chosen, user friendly form label.
- 3. The user then selects the endpoints for the package being uploaded which designates the destination of package (red arrow). The user is allowed to choose multiple endpoints.
- 4. Fill out Validation Path (yellow arrow).
- 5. Fill out Transform Path (blue arrow) from pick list choices as shown in the image above.
- 6. Then, click "upload" (green arrow), which is seen at the bottom of the image above.
- 7. The package will be added to the "Available Packages" list under the Form Manager page (purple arrow) below.
- 8. A confirmation of the upload will also be displayed at the top (red arrow).
- 9. The package will also display the date and time of upload (green arrow):



COLLE PATHC	GE of AMERICAN	1				
Form Manager Available Packages	7	Ver4 Working Working	Date Uploaded 2/11/2018 2:38:00 PM 2/26/2018 2:55:00 PM 1/25/2018 10:31:00 AM	<u>View XML</u> <u>View XML</u> <u>View XML</u>	<u>View HTML</u> <u>View HTML</u> <u>View HTML</u>	<u>Update</u> <u>Update</u> <u>Update</u>
Package Id	Package Name	Working	6/1/2018 2:25:00 PM 11/29/2017 2:42:00 PM	View XML	View HTML	<u>Update</u> <u>Update</u>
	r actuge r anne	Working	2/11/2018 1:26:00 PM	View XML	View HTML	Update
PKG_BreastInv_RWS	2018BreastInv_RWS	Working	1/17/2018 6:25:00 AM	View XML	View HTML	Update
DKC Calassatal Basks Damag	Colorestel Broker Demos	Ver4	3/14/2018 5:06:00 PM	View XML	View HTML	<u>Update</u>
PKG_Colorectal_Bmk+Demog	Colorectal BMK W Demog	Working	1/18/2018 6:24:00 AM	View XML	View HTML	Update
PKG ColorectalBiomarker	Colorectal Biomarker	Working	5/31/2018 8:58:00 AM	View XML	View HTML	<u>Update</u>
	contractor promonent	Working	6/1/2018 11:49:00 AM	View XML	View HTML	<u>Update</u>
PKG_Kidney	Kidney					

pappsnodts04.cap.o Form-ID:PKG_Kidney v	org says vas uploaded.		8
orm Nam		ion Path	Transform Pa
DRENAL GLAND	CAP, JBS	NewSchema	Working
DRENAL GLAND	CDC-CR	NewSchema	Working
MPULLA OF VATER	CDC-CR	NewSchema	Working
NILIC		NauSchamp	Working

In order to view the package in the XML format, click on the "View XML" option indicated by the **orange arrow** on page 8 of this User Guide. A new tab will automatically open up to display the XML format of the package:

(1009 http://www.al.org/3001/005/beas-instence* walnet-uncidecophisds:3015* wds.scsd="http://www.al.org/2001/005/beas" scisstered/color="uncidecophisds:3015/5/beass/ND-505/betrieveFare.sci* package20="http://www.al.org/2001/005/beas" scisstered/color="uncidecophisds:3015/5/beass/ND-505/betrieveFare.sci* package20="http://www.al.org/2001/005/beas" scisstered/color="uncidecophisds:3015" scisstered/col	
<pre>Construction http://www.ki.org/2012/05/chem-instruction/http://</pre>	P>
<pre>drogerty tps="tet" order"10 produces"tetionD' proclass="6C_" vist".001.1000047 /> drogerty tps="tet" order."11 produces"tetion:"cc_" vist".001.1000047 /> drogerty tps="tetion".cc_" vist".produces"tetion="cc_" vist".produces".cc_" vist".produces".cc_" vist".produces".cc_" vist".produces".produces.produce</pre>	
Clipic/petter more-"2" ID="9807.10000100" tile="T his creative approx". preral, treated under protocols that may differ ighticatly from the recommendations of mailty top terms." divering under "2" provides=""tile="T his creative terms." divering under "2" provides="tile="T his creative terms." divering under "2" provides="tile="T his creative"terms." divering under "2" provides="tile="T	
<pre>clistD clistre ====================================</pre>	
(Asstration (Apartics) (/Odistress)	ð



To view the package in the HTML format, click on the "View HTML" option indicated by the **red arrow**, also on page 8.

A new tab will automatically open up to display the HTML format of the package as shown below:

Semanthesizetters in surgice hereing cover Case Surmay Checkles (Columbers - CONE, CAUC Resolutions - Resolution to the same protect cover page lowes ray organization photo for the set of pro- ter and the same of the same of the same photo in the same photo and pro- ter and the same of the same of the same of the same of the same of the same of the same of the sam	adures (ar les republic party l'es templine ;	CAP_Approval_Status_CA WebPendingUse_600201Y AJCC_USCC_Westion CS_Version
ApprovalBlatus 1		
39017 - # This checklist applies principally to adrenal carcinomas in adults. Pediatric adrenal cortical tamors have different criterio	for malignancy and are, in general, treated under protocols that may differ eignificantly from the recommendations for adult. type tamors.	
2115		
# 2118 - Adverai gend		
	17075 SDECIMEN	
	THUR OFECIMEN	in the second
42554 - Procedure	Unint S2756 - Specimen Laurality	(peers
SOCO - Perculaneous needle booky Month Anna - March March - M	() 2127 - Mgrs	
() 2120, Attendenting total	(a Stort - Distorts)	
© 2121 - Advensiectory, partial	© 2126 - hist specified	
() 2123 - Other (specify)	(a) 20006 - Other (specify)	
O 2124 - Not specified		
	17876 - TUMOR	
10100 - Manufactor Tana (Monar C Henrich E)	1997 JUNY Handon's Grade Alexan C sharenh El	C beauti
# 2117 - Advent carbon a carbon a	(a) S1000 - Lang prode (are 20 millioner / 50 fach-anser fields)	1.1109
() 4(905) - Adrenal contical carcinoma, proporticitade	40034 - High grade (> 20 millions / 50 high-gover fields)	
44440 - Adrenel control sancinoma, mysoid type	57500 - #Note: Generally due to core needle biopey, with insufficient viable tursor to count 60 HPFs.	
O 19182 - Alberni Loficki Latoroma, seconatod type	54545 - Cannot be assessed (avplaint)#	
2122 - Tumor Size (Note A)	Peerl 40400 - Turnor Weight (Note ID	peart
Cardination in Cardination (Critication)	() STUTE - Specify weight (g) g	
1 40004 - Turner conferent in advance codes without pursues through have sensitie (if conserv)		
1 10117 - Turner invades into or Through the advental Lacade		
() 122111 - Tumor invades into extra-actienal structures (specify)		
1 50271 - Tumor invedes into other scipcent organ(s)		
55524 -		
	C Paul C	
C 67748. Bassage		
m state - Laws		
() 42305 - Solven		
D 55229 - Clashyson		
(1 4/211 - Storach		
141594 - Other (specify)		
S1911 - Cannot be assessed		

The HTML format allows the user to have some viewer options.

1. They can show the XML format above by clicking on the "Show Xml" option that is located in the top left corner and is indicated by the **dark red arrow**.





After clicking on "Show Xml", user will be presented with the screen below (XML format of the package will be displayed as the HTML version).

Second s	Areas' volumentes volument, types et al. particular volumentes particular volumentes particular volumentes particular volumentes contrologia et al. Accular volumentes Accular vol
Compared to 10 2017 College of Annone The Managine AL data are seen as a factor to see Generalized test to 2017 Minute AL College of Annone To Constraining Operations (Sector Sector S	CAP_Approved_basiss CAP WeePersengene Hotoports AJCC_UICC_Version 1 C.E_Version
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Description: 2000 Description	AJCC_UICC_WINION : C1_WINION :
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Conversion: Strategy :	
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Cameral Induces: January and American and January and American and American and American and American and American Ameri	
Stort - 1 the decide splets process to advect decisiones in adults. Pedatic advect defense colores for nelspany and are, in press), transfer under protocols that may offer significantly from the recommendations for adult, type turiors.	
Sel17: a This checklet epides proceeding to alternal concious in adults. Pediatric alternal control have address to their may offer significantly from the reconvenitations for adults top tumors.	
3257 - 2115-3056 ged 3115-3056 ged 117507 - CLINICAL	
2005- ⇒ 110-Anne gase 17507 - CLINICAL	
* 2119- Advent gend	
17537 CLINICAL	
arize - Camical History (specify) B3772 - Functional Status (Notes J and K)	Detect
2000 - Uninary 17-Astpolaroids increased (10 ng / g creatinine / 24 hours)	
20902 - Cvaling syndrome	
20104 - Conn kyndionie	
A3052 - Velication	
44(1) - Feminization	
2008 - Veget loss	
20007 - Other (specify)	
17875 - SPECIMEN	
2015/ - Procedure 0111 2016 - Specimen Lastrativy	(Peret)
© 5009 - Perutaneous needle biopsy © 2128 - Right	
4603 - Endoscopic directed biopry (specify sediographic technique) 0 2127 - Left	
© 2122 - Advenderstory, total © 5002 - Dunieral	
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2020: Other spends 2020: Other spends 2020: The spends	read
Constrained Constrain	jani

User can hide the Xml format by clicking on the "Hide Xml" option which will appear in place of the "Show Xml" option.

2. User can click on "Toggle IDs" which is also located in the top left corner under the "Show Xml" option indicated by the **dark red arrow**.



After clicking on "Toggle IDs", the page will look like this:

© College of American Pathologists

ADRENAL GLAND		
Copyright: (it) 2017 College of American Pathologials. All rights reserved. License required for use. Generic/IsaderEast: Surgical Pathology Concer Case Summary (Checklast) OfficialName : ADRENAG, GLAND		CAP_Approval_Status : CAP appro WebPostingDate : 6/30/2017 12:00:00 AJCC: URC: Version : 8th Edit
Category : Endocrine		CS_Version : Versi
Restrictions : Hease reter to the cancer protocol cover page (www.cap.org/cancerprotocols) for information about which tumor types and p Benuined : true	procedures can be reported using this template.	
CTV_Ckey: 129 100004300		
ChecklistCKey: 2 100004300		
CurrentFileName : AdrenalGland_3.001.001		
ApprovalStatus : 1		
# This checklist applies principally to adrenal carcinomas in adults. Pediatric adrenal cortical tumors have different criteria for	malignancy and are, in general, treated under protocols that may differ significantly from the recommendations for adult-type fumors.	
(8) Adrenal gland		
4	CLINICAL	
Clinical History (specify)	Functional Status (Notes J and K)	Dese0
	Urinary 17-hetosteroids increased (10 mg / g creatinine / 24 hours)	
	Cushing syndrome	
	Conn syndrome	
	Virilization	
	Feminization	
	Weight loss	
	Cither (specify)	
4	SPECIMEN	
Procedure	(****) Specimen Laterality	(reset)
 Pertutaneous needle biopsy 	Right	
Endoscopic directed biopsy (specify radiographic technique)	O Left	
Aprendectory, 108	Constraint Constraint Constraint	
Other (specify)	© Other (specify)	
Not specified		
A	TUMOR	
Histologic Type (Notes C through E)	(NME Histologic Grade (Notes C through E)	Deset
Adrenal cortical carcinoma	 Low grade (<= 20 mitoses / 50 high-power fields) 	
Adrenal contral carcinoma, oncocytic type	 High grade (> 20 mitoses / 50 high-power fields) 	
Adrena concercercercercercercercercercercercercerc	ancie: Generally due to core needed coopsy, with insumcent visce tartice to court ou non-to.	
Histologic Type Comments	Tomor Site Obse A	Depert
	Grantest dimension in Certimeters (cm) Certimeters (cm)	
	Additional Dimension in Centimeters (cm)	
	Centimeters (cm)	
	Additional Dimension in Centimeters (cm)	
	Censmeters (cm)	
	Cannot be determined (explain)	
Tumor Weight (Note B)	() and ()	
() Specify weight (g) g		
1 ADDRESS DR. ORDERSSON		

To view the Toggle IDs again, click "Toggle IDs" again and Ckey(identifier) will reappear.

3. To only view the sections that are required to fill out, click on "Hide not required to implement" option located under the "Toggle IDs" option which is indicated by the **dark red arrow below**.

Show Xml Toggle IDs Hide not required to	
implement	Copyright : (c) 2017 College of
	GenericHeaderText : Surgical F
	OfficialName : ADRENAL GLAN
	Category : Endocrine
	Restrictions : Please refer to th
	Required : true
	CTV_Ckey : 129.100004300
	ChecklistCKey: 2.100004300
	VersionID : 3.001.001.1000043
	CurrentFileName : AdrenalGlar
	ApprovalStatus : 1

After clicking on "Hide not required to implement", the window should look something like this:

Computer 1: 2017 College of Avenues in Politologies, All spin reveals Lateral results for see described and fail Spin Politogic Care College Manage (Care College) Caregory Toxinine Relations, Passes Mark to be care professional college page (see top bytem spinsore) for information about which lunar types and Caregory Toxinine Relations, Passes Mark to be care professional college page (see top bytem spinsore) for information about which lunar types and Caregory Toxinine Care College (Strategies) Care College (Strategies)	procedulares can be reported using their templates.	CAP_Ageneva_Status CAP a WeAP-wergene 500001*100 ALCC_URCC_Version IIII C5_Version II
59617 - # This checklist applies principally to advenal carcinomas in adults. Pediatric advenal cortical tumors have different cri-	teria for malignancy and are, in general, tended under protocols that may differ significantly from the recommendations for adult-type tumors.	
	4257 -	
#2119 - Advenal gland		
	17975 SDECIMEN	
	the of Ediment	
42554 - Procedure	(mmt) 82/08 - Specimen Laterality	[mm]
DOUDY - FEITURINGUE REEDE DODBY DEBUG AND	C 2100 rept	
() 2022 - Ananalactomy Infal	o foil - National	
() 2121 - Adienalizationy, partial	2120 - fut specified	
() 2123-Other (specify)	(2) 20088 - Other (specify) (
() 2104 - Not specified		
2 · · · · · · · · · · · · · · · · · · ·	17876 - TUMOR	
59952 - Histologic Type (Notes C through E)	19975 - Histologic Grade (Notes C through E)	(and
is 2117 - Adrenal control calcinoma	() 5303 - Low grade (-+ 22 milloses / 50 high-power fields)	
0 40025 - Adrenal sortical carsinoma, proceylic type	 43634 - High grade (+ 20 mitoses / 50 high-power fields) 	
44449 - Adrenal Lotic al carcinoma, myxod type 10027 - Marenal Lotic al carcinoma, myxod type	5700 - IRVOR: Generally that to core needle topping, with insufficient viable turnor to count 50 HPF's.	
C to de la constante de la constan	C 2404 - Land to second in the second in the second s	
2129 - Tuttor Size (Note A)	and a state - fumor weight (non ti)	1999
() 2130 - Cannot be determined (exclam)	O TIAT - Cannot be determined	
	17777 Tumor Extent	
0334 - Tamor Expension	(mar)	
Striff - Tumor confined to edirenal codex without invasion through tumor capsule (if present)		
() 20137 - Tumor invedes into or through the adrenal Lapsule		
52915 - Tumor invedes into entra-adrenal structures (specify)		
56271 - Turrior invades into other adjacent organ(s)		
53528 -		
D 4012, (Deer	(March 1997)	
T STLL Partness		
11 41409 - Liver		
1 42105 - Spieen		
() SE229 - Disphragm		
Li 40211 - Stomach		
45154 - Other (specify)		
E1911 - Carriel be assessed		
	1999 Accessor Electron	
20172 - Lumphroparolar Incarios Alora El	institution of the second seco	
noncer Lymprovaccus andSion (Note F)		

Essentially, some items will disappear from the screen, like the "Clinical" section, because this section was not required for fill in. To see those items again, click on the "Show not required to implement" option which appears in place of "Hide not required to implement".

1. To update a package, click on the "update" option shown below:



Use will be presented with the below screen with the option to modify the following fields:

- XML
- Package Id and Package Name
- Submit Endpoints etc.

protocols that m	<pre>iay differ significantly from the recommendations for adult- type tumors."></pre>
Package ID	PKG Adrenal
Package Name	Adrenal Gland
Submit Endpoints	CAP - https://pappsnodts04.cap.org/SDCApp/Services/formreceiver.asmx CDC - https://10.242.12.3/fdsdcService/Service.asmx CCR - https://10.242.12.3/fdsdcService/Service.asmx JBS - https://interopxdemo.jbsinternational.com/lhe/SubmitForm_Port_Soap12 V
Validation Path	NewSchema Validate
Transform Path	Working T
Save Close	

- 2. User clicks "save" button to updates the information in the CAP-SDC System.
- 3. To delete a Package from the "Available Packages" section, click the "x" button that is placed to the far right of each row:

		3
View XML	View HTML	<u>Update</u> ×
View XML	View HTML	<u>Update</u> ×
<u>View XML</u>	View HTML	<u>Update</u> ×
View XML	View HTML	<u>Update</u> ×
<u>View XML</u>	View HTML	<u>Update</u> ×
View XML	View HTML	<u>Update</u> ×

Package will be deleted from the CAP-SDC System.

Form Filler

1. Click on the "Form Filler" option to the right of the "Form Manager" option.





lation Path	Transform Path	Date Uploaded	
chema	Working	11/14/2017 5:49:00 AM	View XML
chema	Working	11/30/2017 2:28:00 PM	<u>View XML</u>
chema	Working	11/30/2017 2:22:00 PM	View XML

The screen will look something like this:



Here, the user can request to submit a specific form from one site to one or multiple sites.

- 1. The user must indicate the company from which the form will be coming from Form Manager (blue arrow).
- 2. Then, the user must indicate the content format which is shown by the red arrow.
- 3. After clicking on a content format, click on "Get Available Packages" to choose the specific package that needs to be sent to the form receivers.



- 4. The user should then choose the form receivers, which is indicated by the green arrow.
- 5. Lastly, in order to submit the request for the retrieval of the forms from the specific company, click on "Retrieve", which is indicated by the orange arrow.
- 6. After clicking "Retrieve", the user must unlock pop-ups from this software. Click "Always allow pop-ups from..." and then click "Done".



18

For an XML format, the user may enter items as shown below:



Form Filler

Select a form manager
● CAP JBS
Select content format
● XML ● HTML ● URL
Get Available Packages
Select a package:
PKG_Adrenal PKG_Adrenal+Demog PKG_AmpullaofVater PKG_ANUSBx PKG_ANUSBx PKG_AnusResection PKG_Appendix PKG_Bone_Marrow PKG_Breast Invasive MEE PKG_Breast VEK PKG_Breast-JLW PKG Breast Bmk
Select one or more form receivers
Prepop Data
Select a package from the available packages list above or enter a package id below and click Retrieve.
PKG_Adrenal Retrieve

The screen will appear like this after clicking "Retrieve":

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The filler can then fill out the form accordingly.

1. For the XML format, if the user chooses "PKG_Adrenal+Demog", then the user has the option of pasting in Prepop Data, which allows for the easy insertion of demographic data:

Form Filler





2. Next, click on "Prepop Data" and paste in CCDA data, the pasted prepop data will be parsed and mapped out by the Form Manager to display in the form properly.

PKG_Breast Invasiv PKG_Breast VEK PKG_Breast-JLW PKG_Breast_Bmk	e MEE
Select one or m	pre form receivers
CAP CDC	CCR JBS Local CDC-ECR CDC-CR TEST
Prepop Data	
Paste a valid CDA do	cument content here to pre-populate demographics data. Do not include the PrepopData element.
	2
<	
<td>icalDocument></td>	icalDocument>
Select a package from	m the available packages list above or enter a package id below and click Retrieve.
PKG_Adrenal+E	Demog Retrieve 3
3. Click	Show Package Parameters Show Retrieve Response ADRENAL GLAND
	Copyright : (c) 2017 College of American Pathologists. All rights reserved. License required for use. GenericHeaderText : Surgical Pathology Cancer Case Summary (Checklist) OfficialName : ADRENAL GLAND Category : Endocrine Restrictions : Please refer to the cancer protocol cover page (www.cap.org/cancerprotocols) for information about which tumor types and pro
4	Required : true CTV_Ckey : 129,100004300 ChecklistCKey : 2.100004300 VersionID : 3.001.001.00043 CurrentFileName : AdrenalGland_3.001.001 ApprovalStatus : 1
	+ Demographics
	39617 - # This checklist applies principally to adrenal carcinomas in adults. Pediatric adrenal cortical tumors have different criter
	2118 -
	2119 - Adrenal gland
	42554 - Procedure
	50809 - Percutaneous needle biopsy
	46633 - Endoscopic directed biopsy (specify radiographic technique)

The arrow indicates the Demographics section of the data.

2122 - Adrenalectomy, total



4. Click the "+" button that is right next to the "Demographics" section, green arrow above. The screen will then look like this:



The Prepop Data functionality allows the user to populate patient available data a lot faster and more efficiently than re-entering patient data.

All of that the information indicated by the red arrows above was parsed by form manager automatically after providing Prepop Data with the form request.

1. For an HTML form request, user will select "HTML" as content format.

COLLEGE of AMERICAN

- 2. Select specific form manager.
- 3. Select the package name.
- 4. In the case of "HTML" option, the Form Manger makes the decision regarding the Form Receiver using destination end points and selected Form Receiver by Form-Filler will be ignored.

PATHOLOGISTS
Form Filler 2 Select a form manager
Select content format XML HTML URL 1 Get Available Packages
Select a package:
PKG_Adrenal 3 PKG_Adrenal+Demog PKG_AmpullaofVater PKG_ANUSBX PKG_AnusResection PKG_Appendix PKG_Bone_Marrow PKG_Breast Invasive MEE PKG_Breast Invasive MEE PKG_Breast VEK PKG_Breast Nus PKG_Breast Nus 4
CAP CDC CCR JBS Local CDC-ECR CDC-CR TEST
Prepop Data
Select a package from the available packages list above or enter a package id below and click Retrieve.
PKG_Adrenal Retrieve 5
6



Denis I Denis I 5. User will click "retrieve" button to receive requested form as shown below:

ADRENAL GLAND		
Copyright (1) 2017 Codey of Annotace Pathologisk Al Argen searced. License requires for use. Genericitediar Eres (Super) Enhancing Cancer Case Summary (Checkins) Officialities: JRREUL (CAR) Category: Enhances Restrictions, Passes refer to the cancer protocol cover page (www.cap.org/cancerprotocols) for Information about which tumor types a Restrictions, Passes refer to the cancer protocol cover page (www.cap.org/cancerprotocols) for Information about which tumor types a Restrictions, Passes refer to the cancer protocol cover page (www.cap.org/cancerprotocols) for Information about which tumor types a CheckisatCity 2: 10004300 CheckisatCity 2: 10004300	nd procedures can be reported using the template.	CAP_Approval_Status : CAP appro WeelPostingDele : 63020171 2000 AUC_UNCV (version : 10 to CS_Version : Versio
JurrentFileName : Adrenatioand_3.001.001 ApprovalStatus : 1		
39617 - # This checklist applies principally to adrenal carcinomas in adults. Pediatric adrenal cortical tumors have different	criteria for malignancy and are, in general, treated under protocols that may differ significantly from the recommendations for adult-type tumors.	
▲	4257 -	
2118 -		
2119 - Adrenal gland		
A	17875 - SPECIMEN	
42554 - Procedure	(***t) 52756 - Specimen Laterality	(Neset)
S0009 - Percutaneous needle blopsy	2126 - Right	
 46633 - Endoscopic directed biopsy (specify radiographic technique) 	© 2127 - Left	
 2122 - Adrenalectomy, total 	bisit2 - bisitated	
© 2121 - Adversectiony, partiel	2 All - This Spectra - Constitution	
© 2124 - Not specified		
	17876 - TUMOR	
1000 Handarda Tara Alama Osharank D	and the former f	(mark)
Security Participation (Notes Chrough E)	App2/0 Historogic Grade (More C C Inforging E)	(mar)
46925 - Adrenal cortical carcinoma orcocutic type	 Sector - Congress (via princes / So hishower fields) 465-44. Hish case / So hishower fields) 	
44449 - Adrenal cortical carcinoma, myxoid type	57980 - #Note: Generally due to core needle biopsy, with insufficient viable tumor to count 50 HPFs.	
S9162 - Adrenal cortical carcinoma, sarcomatoid type S9162 - Adrenal cortical carcinoma, sarcomatoid type	54848 - Cennot be assessed (explain)#	
2129 - Tumor Size (Note A)	(reset) 40496 - Tumor Weight (Note B)	(reset)
2131 - Greatest dimension in Centimeters (cm) Centimeters (cm)	44781 - Specify weight (g) g	
2130 - Cannot be determined (explain)	57476 - Cannot be determined	
4	1/b// - Tumor Extent	
43324 - Tumor Extension	(mart)	
S0095 - Tumor confined to adrenal cortex without invasion through tumor capsule (if present)		
39537 - Tumor invades into or through the adrenal capsule		
52315 - Tumor invades into extra-adrenal structures (specify)		
56271 - Tumor invades into other adjacent organ(s) apapa		
03026 -	(NERC)	
56752 - Kidney		
57748 - Pancreas		
11409 - Liver		
42305 - Spieen		
58229 - Diephregm		
46218 - Stomach		
45584 - Other (specify)		
51911 - Cennot be assessed		
4	17879 - Accessory Findings	
42474 - Lymphovascular Invasion (Note F)	(reset)	
a 2159 - Not identified		

The Form-Filler can then fill out the form data and submit the form to pre-selected form receivers.

- 1. For a URL form request, user will select "URL" as content format.
- 2. Select specific form manager.
- 3. Select the package name.
- 4. In case of "URL" option, form manger will use pre-defined destination end points so that the submitted form will be received by pre-selected form receiver.

This option launches the URL and operation gets handled by form manager system and no additional configuration or development is required at form-filler side.





Form Filler

2	Select a form manager
	● CAP
	Select content format
	Get Available Packages
	Select a package: PKG_Adrenal PKG_Adrenal+Demog PKG_AmpullaofVater PKG_ANUSBX PKG_AnusResection PKG_Appendix PKG_Breast Invasive MEE PKG_Breast VEK PKG_Breast VEK
	PKG Breast Bmk
	Select one or more form receivers
	CAP CDC CCR JBS Local CDC-ECR CDC-CR TEST
	Prepop Data
	Select a package from the available packages list above or enter a package id below and click Retrieve.
	PKG_AmpullaofVater Retrieve

5. Click "retrieve". The screen will look like this:



The popup message displayed above explains that for URLs, the Form Manager chooses the receivers. Thus, some of the receivers chosen by the user may be ignored.

6. Click "OK". The screen will then display a URL:

Visit: https://pappsnodts04.cap.org/sdcwebapi/API/Forms/cccb4134-99ff-4da3-9b83-f250aa92eebd

Clicking on the URL will display the HTML form on the screen:

Copyright (1) (2)17: Calley of Annuclean Pathologiest, Lik Applen reserved. License required for use, Commichated micro. Singuel Phytology, Cacenc Case Summary (Checkler) Officializeme: AuRAULLA OF VIETR Category: Dogenity System Restrictions, "Passes after to be career protocid over page (www.cap.org/tancerprotocids) for information about which tumor types and procedure Category: Dogenity (Career, Casener, Career, Car	a can be reported using this template.	CA7_Approval_Status - C WebPrestrophics (2020)7 ALCC_USCC_Version C_S_Version
4	16897 - SPECIMEN	
1500 - Procedure 2725: - Proceeding 2725: - Proceeding 2726: - Cherr (specifie) 21500 - Fot specified 21500 - Fot specified	(head)	
4	15910 - TUMOR	
ISUBO: Vizience Size (Allow A) O 2244 - Item - souther O 3269 - Pre-sequelary image from divident surface of the popility O 3269 - Item - souther O 1961 - Other (paceh) O 1961 - Other (backhold) O 1961 - Other (backhold) O 1961 - Other (backhold)	Invest 2003 -Associations 2003 -Associations	
17/100 Histohopic Grader (Note D) 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 0:120 2:250 10:120 2:250 10:120 2:250 10:120 2:250 10:120	Image: State Ories ID 2240 - Dest dimension Continuents (cm) 2239 - Carvot be determined (explain)	(and
4	15933 - Tumor Extent	
19935 Tomor Extension 19935 Tomore of primary turine 19935 Tomore tomore and turine 19935 Tomore tomore tomore tomore and turine 19935 Tomore tomore tomore tomore and turine 19935 Tomore tomor	invite	

The Filler can then fill out the form accordingly.

- 1. The bottom of the form has a "submit" button (purple arrow).
- 2. The green arrow is the indication of where this form will be going to:





After filling the form out, and clicking "submit". The screen will then notify the user if there are required sections that have not been filled out yet.

3. Click "OK" (orange arrow):



The screen will then ask if the user would still like to continue and submit the form.

- 4. Click "OK" (blue arrow) to submit.
- 5. Click "Cancel" (purple arrow) to return to the form and fill out the required sections.

pappsnodts04.cap.org says Do you want to submit this form with errors? Click Ok to submit or
Cancel to fix errors. OK Cancel
17878 - MARGINS



After successfully submitting the form, the screen will look like this:

<pre>ceived Response from https://pappsnodts04.cap.org/SDCApp/Services/formreceiver.asmx - oap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing"></pre>	
	Submit Endpoints: CAP CDC

6. The section that is highlighted by the red circle shows that the form has been submitted successfully.

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Form Receiver

The Form Receiver page can be viewed by clicking on "Form Receiver" option, located adjacent to the "Form Filler" option. After clicking "Form Receiver", the screen below will be displayed:



The Form Receiver page displays all of the forms that have been received by date.

- 1. The Form Receiver page also allows the user to view the forms in an XML format (blue arrow)
- 2. The Form Receiver page allows the user to view an HTML format (red arrow). Both options are located to the right of each form.
- 3. Paging can also be used to see previous or later records (green arrow).

After clicking on "XML", this screen will be shown:





- 1. User will be presented with the submitted data in the XML format shown (teal arrow). The user can also simply highlight the text and copy that information wherever the user deems necessary.
- 2. User can click "Close" button to go back to the Form Receiver page.



1. After clicking on "HTML" link (red arrow), user will be presented as shown below:



2. As shown above, the user can view the submitted data by Form-Filler in an HTML format (teal arrows).

User can also use "Toggle IDs" and "Show not required to implement" options to see ids and optional elements.

Configuration

The Configuration option can be used to register a new Form Manager or Form Receiver to the list of managers and receivers. This option will also be used to update or Remove an existing Form Manager or Form Receiver.

The screen below will be displayed when user clicks on the "Configuration" option:

				Endpoint	Retrieve	e Endpo	oint						
				p.org/sdcwebapi/api/forms	https://pappsnodts04.cap.org/SDCApp/services/FormManager.as mx		/FormManager.as	×	<u>Edit</u>				
					https://interopxdemo.jbsinternational.com/Ihe/FormManager_Por _Soap12		FormManager_Port	×	<u>Edit</u>				
				azurewebsites.net/api/formmanager	http://sdcformmanager.azurewebsites.net/FormManager.asmx		Manager.asmx	×	Edit	Г			
				ebapi/api/forms	https://sdt	t.cap.org/	/SDCApp/service	es/FormMana	ger.asmx	×	<u>Edit</u>		
										Add			
					Support	s							
					CORS								
				p.org/SDCApp/Services/formreceiver.asm	<i>I</i>	×	Edit						
				bsites.net/SDCService.asmx	4	×	Edit						
				sinternational.com/Ihe/SubmitForm_Port_S		×	Edit						
				App/Services/formreceiver.asmx	al a	×	Edit						
er	Form Receiver	Configuration	Transaction Log	ltinggroup.com/RFDSDCService/service.as	al and a second	×	Edit						
		7		ltinggroup.com/rfdsdcservicecr/Service.as	¥.	×	Edit						
				IcService/Service.asmx	4	×	Edit	2					
						Add	-	_ _					

- 1. The user can then add in the information required to add a Form Manager teal arrow.
- 2. To add a Form Receiver, the user must fill in the required information that is indicated by the **orange arrow**. After submitting the necessary information, the user must click "add". This information will then be added to the list of Form Managers or Form Receivers in the table above.
- 3. To add a Form Manager, fill out the Form Manager name
- 4. Fill out Form List REST API Endpoints
- 5. Fill out Retrieve Endpoints information
- 6. Click the "add" button.

Form Filler Configuration

Form Managers

Form Manager	Form List REST API Endpoint	Retrieve Endpoint	
САР	https://pappsnodts04.cap.org/sdcwebapi/api/forms	https://pappsnodts04.cap.org/SDCApp/services/FormManager.as	<u>Edit</u>
JBS	l	https://interopxdemo.jbsinternational.com/Ihe/FormManager_Port	<u>Edit</u>
mTuitive 3	http://sdcformmanager.azurewebsites.net/api/formmanager 4	http://sdcformmanager.azurewebsites.net/FormManager.asr 5	<u>Edit</u>
Local	https://pappsnodts04.cap.org/sdcwebapi/api/forms	http://localhost:52033/services/FormManager.asmx	<u>Edit</u>
CAP	https://testfake.org/sdcweb/forms	https://testfake.org/sdcweb/FormManager.asm	d 🧹

After clicking "add", the new Form Manager will be added.

7. The user can then edit the Form Manager by clicking the "edit" option as shown below:



- 8. To update after entering in the new material, click "update" as shows below (orange arrow).
- 9. To cancel the edits made, click "Cancel" and the Form Manager will go back to the way it was in the table:





10. To add a Form Receiver, fill out the three sections in the chart and click "add":

JBS	https://interopxdemo.jbsinternational.com/Ihe/SubmitForm_Port_ oap12	S	×	<u>Edit</u>	
Local	http://localhost:52033/services/FormReceiver.asmx	×.	×	<u>Edit</u>	
CDC-ECR 10	https://cdcproj.dbconsultinggroup.com/rfdsdcservice/Service.as	10	×	<u>Edit</u>	
CDC-CR	https://cdcproj.dbconsultinggroup.com/rfdsdcservicecr/Service	<i>.</i>	×	<u>Edit</u>	10
CAP	https://testfake.org/sdcweb/forms/Service.asmx		Add 🗲		

After clicking "add", the new Form Receiver will be added in the system.

11. The use can then edit the Form Receiver by clicking "edit" option:





- 12. To update after entering in the new material, click "update" as shows below (orange arrow).
- 13. To cancel the edits made, click "Cancel" and the Form Receiver will go back to the way it was in the table:

com/rfdsdcservicecr/Service.as	¥.	×	— 12 13 Edit
forms/Service.asmx	<i>"</i>	×	Update Cancel
		Add	

14. To delete a certain Form Manager or Form Receiver, click the "x" button that is located to the right of each row:



Form Filler C	Configuration	14	7
Form Managers		14	
Form Manager	Form List REST API Endpoint	Retrieve Endpoint	
САР	https://pappsnodts04.cap.org/sdcwebapi/api/forms	https://pappsnodts04.cap.org/SDCApp/services/FormManager.as mx	× Edi
JBS		https://interopxdemo.jbsinternational.com/Ihe/FormManager_Port _Soap12	× Edi
mTuitive	http://sdcformmanager.azurewebsites.net/api/formmanager	http://sdcformmanager.azurewebsites.net/FormManager.asmx	× Edi
Local	https://pappsnodts04.cap.org/sdcwebapi/api/forms	http://localhost:52033/services/FormManager.asmx	× Edi
		14	Add
Form Receivers			
Form Receiver	Submit Endpoint	Supports CORS	
САР	https://pappsnodts04.cap.org/SDCApp/Services/formreceiver.asm x	Edit	

The server will then prompt the user to confirm their intention to delete the form.

- 15. Click "OK" to delete.
- 16. Click "Cancel" to keep the form.



Transaction Log

The Transaction Log is where the user can view all requests/submissions of forms as well as all of their details.

1. In order to delete these transactions, click on the "Delete Transactions" option at the top right corner of the table:



m Receiver	Configuration	Transaction Log
	1	
	Ľ	elete Transactions
ne		
26:00 AM	View Log	<u>Message</u>
26:00 AM	View Log	Message
26:00 AM	View Log	Message
26:00 AM	View Log	Message
25:00 AM	View Log	Message
25:00 AM	<u>View Log</u>	Message
25.00 AM	ALC: I	Manager

2. To view the Log Message, which entails the Transaction ID, the Transaction Type as well as the code for the form, click on "View Log Message" which is pointed out by the **red arrow** below:

	2
	Delete Transactions
e	
6:00 AM	<u>View Log Message</u>
6:00 AM	View Log Message
6:00 AM	View Log Message
6:00 AM	View Log Message
5:00 AM	View Log Message
2:00 AM	View Log Message
2:00 AM	View Log Message

After clicking on "View Log Message", a new tab will open up that looks like this:

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Transaction Id:	22
Fransaction Type:	RetrieveFormResponse, format=application/xml+sdc
Message	
<soap:envelope xmlns:soap="http</td><td>://www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing"></soap:envelope>	
<soap:header></soap:header>	
<wsa:messageid>urn:uuid:761</wsa:messageid>	f97bf-5f73-413c-9c09-341acb7f5049//wsa:MessageID>
<pre><wsa:action <="" soap:header="" soap:mustunders=""></wsa:action></pre>	tand="1">urn:ine:iti:r+d:200/:Retrieveronmkesponse
<soan:body></soan:body>	
<retrieveformresponse td="" xmlns<=""><td>.="urn:ihe:iti:rfd:2007"></td></retrieveformresponse>	.="urn:ihe:iti:rfd:2007">
<form></form>	
<structured></structured>	
<sdcpackage packageid="PKG_Breast_Bmk_1.002.001" xmlns="urn:ihe:qrph:sdc:2016" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://w
/Schemas/RFD+SDCRetrieveForm.</td><td>ww.w3.org/2001/XMLSchema-instance" xsi:schemalocation="urn:ihe:qrph:sdc:2016
xsd">XMLPackage><formdesign <="" td="" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"></formdesign></sdcpackage>	
xmlns:xsd="http://www.w3.org/20	01/XMLSchema" styleClass="left" ID="169.100004300" baseURI="www.cap.org/eCC/SDC/IHE" formTitle="Breast Biomarker Reporting Template"
xmins="urn:ine:qrpn:sdc:2016" +	orminstanceuxi="toizbob4-czib-4385-a890-4c00clobt850" torminstanceuversionUxi="toizbob4-czib-4385-a890-4c00clobt850/verl"> <property <br="" type="meta">207" popular="fouright" using the comparison of the comparison of</property>
order="6248" propName="CAP Appr	24/ proprimie copyright val (c) 2010 contege of American reconcipation. An international sector of the sector of t
Biomarker Reporting Template" /	<pre>><property order="6250" propclass="eCC_CAP_Protocol" propname="OfficialName" type="meta" val="Breast Biomarker Reporting Template"></property><property <="" pre="" type="meta"></property></pre>
order="6251" propName="Category	" propClass="eCC_CAP_Protocol" val="Breast" /> <property order="6252" propclass="eCC_CAP_Protocol" propname="Restrictions" type="meta" val="This biomarker</td></tr><tr><td>template is not required for ac</td><td>creditation purposes but may be used to facilitate compliance with CAP Accreditation Program requirements."></property> <property <="" order="6253" td="" type="meta"></property>
propName="Required" propClass="	<pre>eCC_CAP_Protocol" val="true" /><property order="6254" propclass="eCC_" propname="CTV_Ckey" type="meta" val="169.100004300"></property><property <="" order="6255" pre="" type="meta"></property></pre>
propName="ChecklistCkey" propCl	ass="ell" val="119.100004300" /> <property order="6256" propliass="ell" propriame="versionID" type="meta" val="1.002.001.1000043"></property> <property <="" th="" type="meta"></property>
Base64 Decoder: Enter base64 string	g below to decode, or leave empty to decode base64-encoded HTMLPackage content of RetrieveFormResponse from above.
Decode Base64	

- 3. Here, the user can scroll down and see the rest of the code (red arrow).
- 4. Enter base64 string below to decode (orange arrow).
- 5. Click on "Decode Base64" (purple arrow).
- 6. Download the code (green arrow).

Transaction Id:	22	
Transaction Type:		~
Message		3
<pre>Kosap:Envelope xmlns:soap="htt (soap:Envelope xmlns:soap="htt (soap:Header> (wsa:Action soap:mustUnder (soap:Body) (soap:Body) (soap:Body) (socore:soap:Body) (s</pre>	<pre>//ww.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing"> //www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing"> //www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing"> //www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2005/08/addressing"> //www.w3.org/2003/05/soap-envelope" xmlns:wsa="http://www.w3.org/2001/XMLSchema" xsi:schemaLocation="urn:ihe:arph:sdc:2016 d" packageID="K06_Breat_Emt_1002.001"> //WWW.w3.org/2001/XMLSchema-instance" xmlns="urn:ihe:arph:sdc:2016 d" packageID="K06_Breat_Emt_1002.001">/XML/Package>/FormDesign xmlns:xsi="http://www.w3.org/2001/XMLSchema" xsi:schemaLocation="urn:ihe:arph:sdc:2016 d" packageID="K06_Breat_Emt_1002.001">/XML/Package>/FormDesign xmlns:xsi="http://www.w3.org/2001/XMLSchema" xsi:schemaLocation="urn:ihe:arph:sdc:2016 d" packageID="K06_Breat_Emt_100"+0002.001">/XML/Package>/FormDesign xmlns:xsi="http://www.w3.org/2001/XMLSchema" xsi:schemaLocation="urn:ihe:arph:sdc:2016 d" packageID="K06_Breat_Emt_100:0001">/XML/Package>/FormDesign xmlns:xsi="http://www.w3.org/2001/XMLSchema" xsi:schemaLocation="urn:ihe:arph:sdc:2016 d" packageID="K06_Breat_Emt_100:0004300" baseUNIT" d"/MLSchema "Decation="contention" d" packageID="K06_Breat_Emt_100:0004300" baseUNIT" d"/mux.cap.org/eC/X02/LH=" formTitle="freat#" Ediomarker Reporting Template" mInstanceUNI="fo25564-c216-4385-8900-4c00c155f850/ver1">/XPCorting template" mInstanceUNI="fo25564-c216-4385-8900-4c00c155f850" formInstanceVersionUNII="fo255-soad-c206c155f850/ver1">/YFCOrepty type="meta" d="status" val="CAP approxed" //YFOperty type="meta" order="6252" propName="GenericHeaderText" propClass="eC_CAP_Protocol" val="GenereicHeaderText" propClass="eC_CCAP_Protocol" val="GenereicHeaderText" propClass="eC_CCAP_Protocol" val="Tempe="meta" al_status" val="CAP approxed" //YFOperty type="meta" order="6252" propName="RestTictions" propClass="eC_CCAP_Protocol" val="Tempe="meta" propClass="eC_CCAP_Protocol" val="GenereicHeaderText" prop</pre>	4
Base64 Decoder: Enter base64 stri	below to decode, or leave empty to decode base64-encoded HTMLPackage content of RetrieveFormResponse from above.	
Decode Base64		





- 7. Specifically, with an HTML form (teal arrow) below, after clicking on "View Log Message", a screen will be displayed with binary data.
- 8. This binary data (**red arrow**) below allows the user to successfully click on "Decode Base64" (**purple arrow**) above and view the decoded data.

Transaction Type	March Marcons
RetrieveFormResponse, format=xml	View Log Message
RetrieveFormRequest, format=application/xml+sdc	View Log Message 7
RetrieveFormResponse, format=xml	View Log Message
RetrieveFormRequest, format=application/xml+sdc	<u>View Log Message</u>
SubmitFormResponse	View Log Message
SubmitFormRequest	View Log Message
RetrieveFormResponse, format=html	<u>View Log Message</u>
RetrieveFormRequest, format=text/html+sdc	View Log Message



	*	8
59EVEQveGh0bWwxLXRyYW5zaXRpb25hbC5kdGQiPg0KPGh0bWwgeG1sbnM6c3I9Imh0dHA W12PSJDb250ZW50LVR5cGUiIGNvbnRlbnQ9InRleHQvaHRtbDsgY2hhcnNldD11dGYtMT vbS9hamF4L2xpYnMvanF1ZXJ5LzEuMTIUMC9qcXVLcnkubWluLmpzIj48L3NjcmlwdD48b *0ZS5jc3MnIHR5cGU9J3RleHQvY3NzJz48c2NyaXB0IHR5cGU9InRleHQvamF2YXNjcmlw (N1ZCBvbiB3aGV0aGVyIHJ1bmluZyBmcm9tIGRpc2sgb3IgZnJvbSBzZX12ZXINCgkJCQk >302Xh0L2phdmF2Y3JpcH0iHNyYz0ic2RjdGVtcGxhdGUuanMiLz4nKS5hcHB1bmRUby		
<pre>kLjEyLjEvdGhlbWVzL23hc2UvanF1ZXJ5LXVpLmNzcyIvPicpLmFwcGVuZFRvKCdoZWFkJ RUbygnaGVhZCcpOw0KCQk3CQk3CQkJDQoJCQkJCQkJCQkJCQkJCQkJCQkJZUxzZXsNCgkJ I5kVG8oJ2h1YWQnKTsNCgkJCQkJCQkJCSQoIjxsaW5rIHJ1bD0nc3R5bGVzaGV1dCcgaHJ</pre>	•	
esponse from above.	8	

After clicking "Decode Base 64", users will see the following:

Base04 Decoder: Enter base04 string below to decode, or leave e <100CTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitiona <html xmlns:<br="" xmlns:sr="http://www.cap.org/pert/2009/01/"><head></head></html>	<pre>mpty to decode base64-encoded HTMLPackage content of KetrieveFormResponse from above. L//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> ="urn:ihe:qrph:sdc:2016"></pre>	9
<meta content="text/html; <title></td><td>charset=utf-16" http-equiv="Content-Type"/>		
<script src="https://
href='https://pappsnodts04.cap.org/SDCApp/Transforms/wor</td><td>ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js" type="text/javascript"></script> <link <br="" rel="stylesheet"/> king/sdctemplate.css' type='text/css'> <script type="text/javascript"></script>		

- 9. Now, the user can easily read the binary data from above in the decoded message indicated by the green arrow.
- 10. The user can then download this data by clicking on the "Download" option at the bottom (blue arrow).
- 11. The new HTML file will be downloaded at the default location based on system/user configuration. After clicking on the download (orange arrow), the user will be able to view the HTML version of the file.





The HTML Download appears as follows:

Lung Cancer Screening Template	
Officialities LDCT Long Cancer Revening Reporting Services Kenances, Prace: DDCT Long Cancer Streening Reventions, Prace: DDCT Long Cancer Streening Checkland Kiny Westerd D11 Concerning Refuse: LDCT Long Streening Nat yet 11 Approvision C	Appreval COC Carer Inaging Prog Etherbreden
2	- CLINICAL INFORMATION
© Clinical Information:	Interact for search 0 ○-To most nead 0
2	- COMPARISON STUDIES
© Comparison Study: ⊖ - None Asatole ⊖ - Previous CT Exam:	
2	- IMAGING PROCEDURE DESCRIPTION
EChronol Holge Owelfry:	Investigation production in the second s
4	- FINDINGS
	Nodules
Number of Aung nodules present in total (any size): (Any size. If more than 10 nodules please enter "11")	
The 10 most dominant nodules (+ 4 mm) need to be measured. Number of dominant nodules(= 4 mm:	
- (Call up nodule macro if 1 or more dominant nodule(s))	
	Nodule:
Rodue number:	Anaga Auntoer

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