

Clinical Package Validator Installation and Configuration Guide

1 June 2018 v2.7 Approved for external use Document ID: DH-2376:2018 Australian Digital Health Agency ABN 84 425 496 912, Level 25, 56 Pitt Street, Sydney, NSW 2000 Telephone 1300 901 001 or email <u>help@digitalhealth.gov.au</u> <u>www.digitalhealth.gov.au</u>

Acknowledgements

Council of Australian Governments

The Australian Digital Health Agency is jointly funded by the Australian Government and all state and territory governments.

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Document information

Key information

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Product or document version history

Product or document version	Date	Release comments
2.0	22 August 2014	Major release.
2.1	20 January 2015	Feature and usability enhancements.
2.2	-	Not published.
2.3	17 July 2015	Software enhancements (see release note for details).
2.4	20 May 2016	Software enhancements (see release note for details).
2.5	29 May 2017	Support for ISO Schematrons and other software enhancements (see release note for details).
2.6.1	21 Nov 2017	Software enhancements (see release note for details).
2.7	16 Feb 2018	Software enhancements (see release note for details).

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1 Introduction

1.1 Purpose

This document describes how to install and configure version 2.7 of the Clinical Package Validator ("the Validator").

1.2 Intended audience

This document is intended for:

- Testers who use the Validator to assist them in assessing whether their healthcare software system produces clinical documents that conform to some clinical document specifications, and clinical packages that conform to some clinical package specifications;
- Developers who use the Validator to provide quick feedback during software development; and
- Administrators who need to install the Validator for other users.

The Validator does not test all conformance specifications and you must carefully read the Product Data Sheet for the Validator that indicates what is out of scope.

1.3 Scope

This document describes the system requirements, administrator rights, and supporting software needed for installing the Validator. It also describes how to install and configure the Validator.

2 Before you begin

2.1 Prerequisites

Before installing and configuring the Validator, you must have:

- administrator rights to your PC;
- Windows 7 or above;
- 4GB minimum memory;
- 8GB recommended memory; and
- 1GB minimum disk space free.

If the following software is not already installed on your computer and your computer does not use Windows 8 or above, it will be automatically installed during the installation of the Validator (Section 3):

- .NET Framework 4.0 or a later version; and
- Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop.

If your computer uses Windows 8 or above, Microsoft SQL Server Compact 3.5 will need to be installed manually (Section 3.2).

Version 2.7 of the Validator allows more than one version of the software to operate on the same computer (Section 2.2). It is now no longer necessary for a user to uninstall previous versions of the Validator.

A NASH test certificate must be installed before a user can access template packages in the My Health Record software vendor test (SVT) environment (Section 2.3).

You must also be aware that the Validator runs only a subset of the complete set of tests you must run to validate whether a document is conformant with the clinical document specifications.

2.2 Uninstall an earlier version of the Validator

Version 2.7 of the Validator allows more than one version of the software to operate on the same computer, so there is no need to uninstall earlier versions of the Validator.

Follow the steps below if an earlier version of the Validator is already installed and you want to remove it, otherwise go to Section 2.3.

1 If an earlier version of the Validator is already installed, select **Uninstall a program** from the Windows Control Panel.



A2 Select the version of the Validator to be uninstalled and then select **Uninstall**.

	Programs and Features		>
€ ∋ - ↑ 🛃 → Cor	trol Panel → Programs → Programs and Features	✓ C Search Programs and	d Features 🔎
Control Panel Home	Uninstall or change a program		
View installed updates	To uninstall a program, select it from the list and then	click Uninstall, Change or Repair.	
Turn Windows features on off	or Organise 🕶 Uninstall Change Repair		
	Name	Publisher	Installed On
	Clinical Package Validator	Australian Digital Health Agency	5/10/2017
	📀 Google Chrome	Google Inc.	5/09/2017
	🛃 Java(TM) 6 Update 24 (64-bit)	Oracle	5/09/2017
	🛃 Java(TM) SE Development Kit 6 Update 24 (64-bit)	Oracle	5/09/2017
	KeyStore Explorer 4.0.1		5/09/2017
	🖹 Microsoft SQL Server Compact 3.5 SP2 ENU	Microsoft Corporation	5/10/2017
	🖹 Microsoft SQL Server Compact 3.5 SP2 x64 ENU	Microsoft Corporation	5/10/2017
	Microsoft Visual C++ 2008 Redistributable - x64 9.0.3	Microsoft Corporation	14/09/2017
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3	Microsoft Corporation	14/09/2017
	<		
	Australian Digital Health Agency Product	version: 2.5 lelp link: ##ID_STRING7##	

Note: The **Uninstall** option may be selected from the menu, or found by clicking the right mouse button.

3	If the following security screen appears, select Yes to allow the Uninstall process to proceed.
	Programs and Features
	Are you sure you want to uninstall Clinical Package Validator?
	In the future, do not show me this dialogue box Yes No
4	The uninstall process will continue to completion.
End	

2.3 Install a NASH test certificate

1

As an alternative to importing template packages from the Agency website, the Validator allows a user to import some template packages from the My Health Record software vendor test environment, provided a valid NASH organisation test certificate has already been installed.¹

Follow the steps below to install a NASH organisation test certificate, otherwise go to Section 3.



Note. If you do not have any NASH organisation test certificates, contact the Department of Human Services Online Technical Support helpdesk: <u>otsliaison@humanservices.gov.au</u>.

¹ The Validator can apply any template package. A template package is something that meets the requirements in the *PCEHR Template Service - Template Package Technical Specification v1.0*, available from: <u>https://www.digitalhealth.gov.au/implementation-resources/national-infrastructure/EP-1514-2012/NEHTA-1042-2012</u>

2 Double-click the relevant certificate to launch the Certificate Import Wizard and select **Next**.

	ficate Import Wizard
This wizard helps you copy certifica lists from your disk to a certificate :	ates, certificate trust lists, and certificate revoca store.
and contains information used to p	certification authority, is a confirmation of your is rotect data or to establish secure network the system area where certificates are kept.
Store Location	
Ourrent User	
O Local Machine	
To continue, click Next.	

3 Select Next.

File to Imp Speci	fy the file you want to imp	port.		
		2601104		
File n		019338-20170501 (For Te	esting).p12	Browse.
Note:	More than one certificat	e can be stored in a single	file in the follow	ving form
Pe	rsonal Information Excha	nge-PKCS #12 (.PFX,.P1	2)	
Cr	yptographic Message Syn	tax Standard- PKCS #7 C	ertificates (.P78)
Mi	crosoft Serialized Certifica	ate Store (.SST)		

4 Enter the password and select **Next**.

Private key protection
To maintain security, the private key was protected with a password.
Type the password for the private key.
Password:
Password:
Display Password
Import options:
Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.
Mark this key as exportable. This will allow you to back up or transport your
keys at a later time.
 Indude all extended properties.

5 Select Next.

Certificate Store Certificate stores are system areas where certificates are kept.	
Windows can automatically select a certificate store, or you can specify a location	for
the certificate.	
Place all certificates in the following store	
Certificate store:	
Browse	

6	Select Finish.	
		 E Certificate Import Wizard
		Completing the Certificate Import Wizard
		The certificate will be imported after you click Finish.
		You have specified the following settings: Certificate Store Selected Automatically determined by the wizard Content PFX File Name M: \NEHTA Projects\DTS\InstallShield\CPV24.Latest\80036299
		Finish Cancel
	Note: You may need installed NASH test of	to restart your computer so that the Validator can detect the certificate.

End

newly

3 Install the Validator and prerequisite software

3.1 Install version 2.7 of the Validator

This procedure requires that .NET Framework 4.0 (or a later version) and Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop are installed. If this software is not already installed on your computer and your computer does not use Windows 8 or above, it will be automatically installed during the installation of the Validator. If your computer uses Windows 8 or above, Microsoft SQL Server will need to be installed manually (Section 3.2).

To install the Validator, follow the steps below.

Locate the Clinical Package Validator 2.7 Install.exe file and the ISSetupPrerequisites folder within the expanded .ZIP file that contained this guide.
 Save the Clinical Package Validator 2.7 Install.exe file and the ISSetupPrerequisites folder to a preferred location on a local drive (e.g. C:\temp).

Note: The Validator installation may not work from a network drive.

Note: The Clinical Package Validator 2.7 Install.exe file and the ISSetupPrerequisites folder must be colocated.

Note: The **ISSetupPrerequisites** folder contains prerequisite software that will be installed along with the Validator if the prerequisite software is not already installed on your computer.

2 Open Windows Explorer and navigate to the **Clinical Package Validator 2.7 Install.exe** file. Double-click the file to install the software.



3 **Note:** Windows may mark files downloaded from the Internet as 'Blocked'. This prevents the Validator from running.

To unblock a file, right-click on it and select **Properties**, then select **Unblock** in the 'General' tab, followed by **OK**.

4 Once the file is unblocked, continue installing the Validator by once again double-clicking the **Clinical Package Validator 2.7 Install.exe** file.

5 The InstallShield Wizard will open.

	Preparing to Install
S	Clinical Package Validator Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait.
2	Extracting: Clinical Package Validator.msi
	Cancel

- 6 The Validator installation script will check for the presence of the prerequisite software. A message is displayed if any prerequisite software needs to be installed. To continue select **Install**.
- 7 The prerequisite software will be installed.

Requirement	
 Microsoft .NET Framework 4.0 Full Microsoft SQL CE 3.5 x86	
Microsoft SQL CE 3.5 x64	
-	

8 When the InstallShield Wizard has completed opening, select Next.

i ₿	Clinical Packa	ge Validator - InstallShield Wizard
		Welcome to the InstallShield Wizard for Clinical Package Validator
		The InstallShield(R) Wizard will install Clinical Package Validator on your computer. To continue, click Next.
		WARNING: This program is protected by copyright law and nternational treaties.
		< Back Next > Cancel

9 The default install location is C:\DigitalHealth\CPV27\. To change the install location, select the Change button and choose another location on the C: drive, if preferred.
 Once the preferred install location is chosen, select Next.

1	Clinical Package Validator - InstallShield Wizard	
	ation Folder lext to install to this folder, or click Change to install to a different folder.	5
Ø	Install Clinical Package Validator to: C:\DigitalHealth\CPV27\ Char	ıge
InstallShiel	d	
	<back next=""> Ca</back>	ncel

10 Select Install.

i	Clinical Package	Validator - Inst	allShield Wizard	×
	to Install the Program izard is ready to begin installa	ation.		5
exit th	want to review or change ar ne wizard. nt Settings:	ny of your installation s	settings, dick Back. Cl	ick Cancel to
	o Type: ypical			
	nation Folder: :\DigitalHealth\CPV27\			
	Information: Iame: User			
0	ompany:			
InstallShield	1	< Back	🖗 Install	Cancel

11 If the following security screen appears, select **Yes** to allow the installation to proceed.

Jsers\User Name\AppData\Local\Downloaded allations\{AC5872C9-6271-43AF-9537-4\Clini tage Validator.msi
nown
d drive on this computer
Yes No
a k

12	The Valida	tor will st	art installing.			
		😸 Clinical Pa	ackage Validator - InstallShie	eld Wizard		- • -
		Installing	Clinical Package ¥alidator			8
		The progr	ram features you selected are	being installed.		eHealth
		1	Please wait while the InstallSh This may take several minutes		Clinical Package Va	lidator.
			Status:			
			Copying new files			
		InstallShield -				
				< Back	Next >	Cancel

13 Once the Validator installation is complete, select **Finish**.

諤 Clinical Package Vali	idator - InstallShield Wizard 🛛 💦
	InstallShield Wizard Completed
	The InstallShield Wizard has successfully installed Clinical Package Validator. Click Finish to exit the wizard.
	< Back Finish Cancel

End

Note: During the installation process the Clinical Package Validator 2.7 installation script will determine whether the prerequisite software is already installed on the computer. If the software is not already installed, the Clinical Package Validator 2.7 installation script will run the additional installation scripts in the **ISSetupPrerequisites** folder to install the prerequisite software.

However, if the operating system is Windows 8 or above, the Clinical Package Validator 2.7 installation script will be unable to detect if Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop is already installed, and the following message is displayed.

谢 NEH	TA Clinical Package Validator Installer In ×
<u> </u>	SQL Server Compact Edition v3.5 needs to be installed for this installation to continue. This can be found in the ISSetupPrerequisites folders
	OK

If the above message is displayed, go to Section 3.2. If the above message is not displayed, go to Section 4.

3.2 Manually install Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop

The Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop is the software used by the Validator to store terminology datasets. If it is not already present on the computer, it is automatically installed by the Validator, unless the operating system is Windows 8 or above, in which case it must be installed manually.

To manually install Microsoft SQL Server, follow the steps below.

- 1 Select the **SSCERuntime_x86-ENU.msi** installation script in the ISSetupPrerequisites\{B1165B38-CA52-11E0-A63D-7C004824019B} folder.
- 2 When the following screen appears, select **Next**.



3 If you accept the license agreement terms, select I accept the terms in the license agreement and then select Next.



4 To install the software select **Install**.

Ready to Install the Program	
Setup is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Ba exit Setup.	ick. Click Cance
Installation Path	
Installation Path C:\Program Files (x86)\Microsoft SQL Server Compact Edition\	

5 If the following message is displayed select **Yes**.

	ou want to allow the fo vare on this computer?		to install
	Verified publisher: Micros	rver Compact 3.5 SP2 oft Corporation rive on this computer	
Show det	ails	Yes	No
0		hange when these noti	fications appear

6 To end the installation process select **Finish**.

過	Micros	oft SQL Server Compact 3.5 SP2 ENU Completing the Microsoft SQL Server Comp Setup	bact
	5	Setup has installed Microsoft SQL Server Compact succe Click Finish to exit.	ssfully.
		Finish	

7 If the computer uses a 64-bit operating system, an additional installation script needs to be applied.
 Select the SSCERuntime_x64-ENU.msi installation script in the ISSetupPrerequisites\{B9E5C848-CA52-11E0-9D02-80004824019B} folder and follow the steps to complete the installation process.

End

4 Configure the Validator

4.1 Select template packages

The Validator uses template packages to assess whether some clinical documents conform to published specifications. Template packages include schema and Schematron rules.

The Validator needs a template for each type of clinical document that is in scope for the Validator to test and for each level of conformance. As templates are revised, more than one template may exist for a specific clinical document type and conformance level. Testers should use the most recent version of a template unless there is a reason for choosing an earlier version.

The Validator does not test all conformance specifications. Please refer to the Validator Product Data Sheet for further information about exclusions and the Non-Production Disclaimer.

Template packages may be obtained by:

- 1 downloading the template packages from the Agency website and importing them into the Validator; or
- 2 importing the template packages from the My Health Record software vendor test environment into the Validator.

For either option, the template package directory on the Agency website should be viewed to determine which version of the template packages should be used.

To view the clinical documents template package directory, follow the steps below.

1	Download the template package directory from the Agency website ² and save a copy. Note: If the webpage for the template package directory states that a newer version is available, download the newest version.
2	Read the 'usage instructions' worksheet in the template package directory spreadsheet and determine from the 'directory' worksheet the template package identifier and version number to use.
	Note: An 'HPIIRelaxed' template package may only be used to upload documents to the My Health Record system with the permission of the My Health Record System Operator.

End

² https://www.digitalhealth.gov.au/implementation-resources/clinical-documents/EP-2320-2016/NEHTA-2321-2016

4.2 Launch the Validator

1 Launch the Validator by selecting the Windows icon and locate the Clinical Package Validator in the Metro view.



2 A warning message is displayed if the Validator detects that a NASH organisation test certificate has not been installed. To continue select **OK**.

Warning		×
<u> </u>	No valid My Health Record certificates found. Add My Health Record compatible certificates to use My Health Record Templates	
	ОК	

Note: The Validator may be used without a NASH organisation test certificate if template packages are downloaded from the Agency website and imported into the Validator. The recommended approach, however, is to import template packages from the My Health Record software vendor test environment. To install a NASH organisation test certificate, exit the Validator and follow the steps in Section 2.3.

3 There may be a delay of several seconds before the terms and conditions message is displayed. If you accept the terms and conditions, select **Yes** to continue. If you select **No**, the Validator will close.

The Clinical Package Validator does not test software against all conformance requirements. These tests must not be relied upon to determine software conformity. Vendors must run additional tests on software before declaring software conformance to the My Health Record System Operator. Refer to the Clinical Package Validator Release Note for information about the scope of this tool, and the Agencies Non-Production Disclaimer for appropriate use of the tool. For further guidance, contact the Agencies Help Centre on 1300 901 001 or help@digitalhealth.gov.au. Please Click Yes to Accept Terms and Conditions, or No to decline.

4 If the following message is displayed, select **OK**.



5	The template manager will now be displayed	ı.

nage Templates			
H Test Certificate			
lates Packages		Local Template Packages	
	Import selected >		
	Import all >>		
fresh from SVT		Add From Zip File Delete	

To proceed, either import template packages from the My Health Record software vendor test environment (SVT) (Section 4.3) or import template packages downloaded from the Agency website (Section 4.4).

End

4.3 Import template packages from the My Health Record SVT

Template packages may be imported from the My Health Record software vendor test (SVT) environment as an alternative to importing them from the Agency website (Section 4.4).

Note: A NASH organisation test certificate must first be installed before template packages can be imported from the SVT environment (Section 2.3).

To import template packages from the SVT environment, follow the steps below.

0	Clinical Package Validator	r
File Configuration Help		
File : Select an input file to validate	a	
Template:	¥	
Addn Rules: Select additional rules template folder	er for validation	
Information		
Configuration and Runtime Infor	mation	
Template Packag	e	
Document Type: Document Template Package Name: Template Template Package ID: Template Conformance Level: Conforma Template Effective Date: Effective	Package Name Package ID nce Level	

2 Select Manage Templates.

3		Clinical Package Val
File	Configuration Help	
	Manage Templates	
	Manage Terminology	6
	Manage Temporary File Location	
Temp	late:	~ ·
Addn F	Rules: Select additional rules template folder for validation	<u> </u>

3 If one or more NASH organisation test certificates have been installed, the available certificates will be displayed in a pull down list. Select the certificate to be used.

ISH Test Cettificate CN-general 8003629500019338.id.electr	onichealth net.au, O+MEDTESTORGSB1	20, DC+800362990001	9338, DC+id, DC+electronichealth, DC+net, DC+au	
mplates Packages			Local Template Packages	
		import selected >		
		Import all >>		
Refresh from SVT			Add From Zp File Delete	

4 To obtain the list of template packages that may be imported from the SVT environment, select **Refresh from SVT**.

	Template Manager	
Manage Tem Configuration	plates	
NASH Test Cettficate	CN-general 8003629900019338 id electronicheath net au, O+MEDTESTORGSB120, DC+8003629900019338, DC+id, DC-electronicheath, DC+net, DC-au	
Templates Packages	Local Template Packages	
	export indicated a import all >>	
Refresh from SVT	Add From Zip File Delete	
		Close

5 An error message is displayed if the SVT environment cannot be contacted. To continue, select **OK** and determine if there is a working connection to the Internet.



6 The list of template packages will be obtained from the SVT.

Manage Templates	Template Manager	
Configuration		
Chingeneral 3003525900015338.id electr	tronichealth net.au, O+MEDTESTORGS8120, DC+8003629900019338, DC+id, DC-electronichealth,	DC+net, DC+au
Templates Packages	Local Template Packages	
	Refreshing Templates	
Contacting Server		
•		
	Import al >>	
Refresh from SVT	Add From Zp File Delete	
		Close
		Close

Te	mplate Manager	
Manage Templates Configuration NASH Test Centricate CN-general 8003629900019338 id electronichealth net au, O-MEDT	ESTORG58120, DC=8003629900019338, DC+4, DC+electronicheath. DC+	wt, DC×au
Templates Packages	Local Template Packages	
$\begin{array}{c} -e^{-1}decad_{2}^{2} < (2,2,4) \\ -e^{-1}decad_{2}^{2} < (2,2,3) \\ -e^{-1}decad_{2}^{2} < (2,2,3) \\ -e^{-1}decad_{2}^{2} < (2,$	Import educated 2 Import educated 3 Import ed 33	
Refresh from SVT	Add From Zip File Delete	
		Close

8 Verify that the template package has been imported into the Validator and select **Close**.

Manage Templates Contract Texture Template Texture Template Texture Template Texture Template Texture Template Texture Template Texture Textue Texture Texture Textue Textue Textue Textue Textue Textue Textue
e Advance (1, 2, 54, 120) 120, 1200,
Ceret Johning Y. (J. K. Law). 100. 110/J./ (W 1) Peters from SVT Add from 2p File Deele Come

4.4 Import template packages downloaded from the Agency website

Template packages may be downloaded from the Agency website and imported into the Validator as an alternative to importing them from the My Health Record software vendor test environment (Section 4.3). To download a template package from the Agency website, follow the steps below.

1	Download the template package library from the selected clinical document type end product, available from <u>https://www.digitalhealth.gov.au/implementation-resources/clinical-documents</u> .
2	Unzip the template package library ZIP file and save the selected template packages to a preferred location.
	Note: A template package is in the form of a ZIP file within the template package library. The template packages should <i>not</i> be unzipped.
3	To import the downloaded template package, select the Configuration menu.
	Clinical Package Validator File Configuration Help File : Select an input file to validate Template: Addn Rules: Select additional rules template folder for validation
4	Select Manage Templates.
	Dinical Package Val
	File Configuration Help
	Manage Templates Manage Terminology
	Manage Terminology Manage Temporary File Location
	Template:
	Addn Rules: Select additional rules template folder for validation

7

5

- Select Add From ZIP File.
- 6 Navigate to the directory in which the downloaded template package has been stored, locate the required template package ZIP file and select **Open**.

0			Open						×
€ 🤄 ד ↑ 🔋	This PC	 Downloads 		×	Ċ	Search Down	nloads		p
Organize 👻 N	ew folder)= • (
ntis PC	N	ame ISSetupPrerequisites 1.2.36.1.2001.1006.1.16473.1 EP_2168_2015_AustralianMe		lel_v20151	031.ziq		Date modified 11/04/2016 1:5 8/04/2015 3:43 13/04/2016 8:4	0 PM	Ty Fil Co
Documents	∨ < File name:	1.2.36.1.2001.1006.1.16473.15	i - CL 3B (svn-36678).zip		~	CP Validato	r Files (*.xml;*.	zip;*.J	~
						Open	Ca	ncel	

7 Verify that the template package has been imported into the Validator and select **Close**.

NASH Test Cetificate CN=general.8003629900019338.id.electronich	ealth met au, O+MEDTESTORGSB120, DC+8003629900019338, DC+id, DC+electronichealth, DC+met, DC+au
Templates Packages	Local Template Packages
	referred (1,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,2,1,2,00) (2,2,1,2,1,2,0) (2,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2
Refresh from SVT	Add from Zp File Delete

End

4.5 Delete template packages

Template packages imported into the Validator should be deleted if they are no longer needed.

1	o delete a template package from the Validator, select the Configuration menu.	
-	succes a template package nom the vandator, select the comparation mena.	

		Clinical Package Valio	lator
File Co	nfiguration Help		
File	: Select an input file to validate	``	<pre> C </pre>
Template		~	
Addn Rule	s: Select additional rules template folder for validation	``	
Select Manage T	emplates.		
Select Manage T	emplates.	Clinical Pack	age Vali
L	Configuration Help	Clinical Pack	age Vali
	Configuration Help Manage Templates	Clinical Pack	age Vali
	Configuration Help Manage Templates Manage Terminology	Clinical Pack	age Vali
() File ()	Configuration Help Manage Templates Manage Terminology Manage Temporary File Location		
File C Templat	Configuration Help Manage Templates Manage Terminology Manage Temporary File Location	Clinical Pack	

	Template Manager	- • ×
Manage Templates Confunition NASH Test Confusion	4 800529100019338 id electron-breath ref. av. 0-MEDTESTORGS8120. DC-8003629900019338. DC-el. DC-electronizheath. DC-eu.	. DC-au
Templates Packages	Local Template Packages	
	enderset (1,2,5,1,000) 001 000 enderset (1,2,5,1,000) 001 000	0.20 ver 32624) 002 11 ver 144) 000 15 ver 326240 000 12 ver 326240 000 22 ver 326240 000 22 ver 326240 3.15473 12 ver 356760 3.15473 12 ver 357540 3.15473 12 ver 357540 3.15
Refresh from SVT	Add From Zip File Delete	
		Close

4.6 Configure clinical terminology datasets

The Validator provides limited testing of terminology. Refer to the Product Data Sheet for what is out of scope.

The Validator is preloaded with clinical terminology datasets. As clinical terminology is frequently revised, resulting in new versions of clinical terminology datasets being regularly published, the Validator allows an administrator or user to upload new versions of the terminology datasets listed in Table 1.

Version 2.7 of the Validator allows a user to import combined SNOMED CT-AU/AMT v3 and PBS clinical terminology datasets in ZIP format.

Code system name	Code system identifier
Australian Medicines Terminology (AMT) version 3	2.16.840.1.113883.6.96
PBS Item codes	1.2.36.1.2001.1005.22
PBS Manufacturer codes	1.2.36.1.2001.1005.23
Systematized Nomenclature of Medicine - Clinical Terms Australian Release (SNOMED CT-AU)	2.16.840.1.113883.6.96

4.6.1 Determine which terminology datasets are loaded

1 To determine which versions of terminology datasets are already present in the Validator database, select the **Configuration** menu.

Clinical Pack	age Valio	dator
File Configuration Help		
File : Select an input file to validate	6	•
Template:		
Addn Rules: Select additional rules template folder for validation		

L	3			Clinical Packa	age Val
	File	Configuration	Help		
		Manage T	emplates		
		Manage T	erminology		
		Manage T	emporary File Location		
	Templa	ate:		- 	

3 Select Refresh.

erminology Management		
orfguzion and Runtime		
Terminology DB File: Terminology/DB.adf 450MB Terminology Loaded:	Refineth INB: Select the not folder after unopping the terminology package. The subfidder should be called Space (SACHEG(AMT, Perior Dier 2015 SACHEG) and ART come is one file. The Load Should ESAND of a three only approach the format, ART 2014 as in longer approach.	
	Load SNOMED/AMT v3: Folder Zp Clear All SNOMED data	ants .
	Load PBS: Folder Zp Clear AI PBS dataset	
	For SNOMED/AMT data visit this website or use NCTS syndration feed https://www.healtherminologes.ptv.eu	Feed
	For PBS data visit this website, and select PBS 2004, V3 Fig (22) PBS 2004, V3 Fig (22) PBS 2004, V3 Fig (22)	
	······································	
Ramova old dataset	Circurases DB	
		0

4 A list of terminology datasets and their versions will be displayed.

Terminology		
Terminology Management		
Terminology DB File: Terminology DB adf 450MB Refresh	NB: Select the root folder after untipping the terminology package. The subfolder should be called RETRAIname for SNOMED(AMT. From Dec 2015 SNOMED and AMT come in one file. The Load SNOMED(AMT v3' new only supports this format. AMT v2 is no longer supported.	
Australian Medicines Terminology (AMT), 2.56 Australian Medicines Terminology (AMT). http://momed.infolsct90006285500036588/version/28151130 Australian URS Colu. 2017;183	Load SNOHED/ANT v3: Folder Zp	Clear All SNOMED datasets
SNOMED CT-AU, http://snomed.info/sct/32506021000036107/version/20180131	Load PBS: Folder Zp	Clear AT PBS datasets
	For SNOMED/AMT data visit this website or use NCTS syndication feed https://www.beal/therminologies.cov.ev	NCTS Syndication Feed
	For PBS data visit the website, and select PBS XML V3 file (22P) <u>http://www.obs.oov.au/browseldowrieads</u>	
Remove old dataset	Compress DB	
		Close

- AMT version 2's final version was 2.56. After that AMT was included under SNOMED releases.
- PBS uses the version number format 'YYYYMMDD' where 'YYYYMMDD' is the date of release of a specific PBS dataset (e.g. '20141130').
- SNOMED CT-AU uses the version number format 'http://snomed.info/sct/32506021000036107/version/YYYYMMDD' where 'YYYYMMDD' is the date of release of a specific SNOMED CT-AU dataset (e.g. 'http://snomed.info/sct/32506021000036107/version/20141130').

Note: PBS Item codes and PBS Manufacturer codes are both included in the PBS dataset.

4.6.2 Find and load another version of the combined SNOMED CT-AU and AMT v3 dataset

1 To obtain and load another version of the combined SNOMED CT-AU and AMT v3 dataset, select the link to the SNOMED CT-AU website. You would do this if your clinical document uses a terminology release that is not one of the versions included in the Validator.

Since July 2016, all SNOMED/AMT terminology is now published on its own dedicated website: www.healthterminologies.gov.au

[] Terminology		×
Configuration and Rurdime Configuration and Rurdime Terminology DB File: Terminology/DB.df 450MB Refresh Terminology Loaded: Terminology Loaded: Australian Medicine Terminology (AMT): 2.55 Australian Medicines Terminology (AMT): http://commad.info/ter/900052011000036108/version/20151130	NB: Select the root folder after untopping the terminology package. The subfolder should be called BF2Relass for SNOHED/ANT. From Dec 2015 SNOHED and ANT come in one file. The Load SNOHED/ANT v3: Folder Zp Clear All SNOMED datasets	
Autrafilien PBS Code, 2017.103 // / / / / / / / / / / / / / / / / /	Load PBS: Folder Zp Clear All PBS desavets For SNOMED/ANT data vice bits inducte for UNCTS syndication freed https://www.haithterminologies.cov.au NCTS Syndication Feed	
Remove old dataset	O use (r.C. 5 yrbitadon eed liababurtent instruction indicates build be and the instruction	
		lose

2a Select either **Login** or **Register** for the latest version of SNOMED CT-AU, or to select and download an earlier version. Note that the file includes both SNOMED CT-AU and AMT.

Australian Government tralian Digital Health Agency	🕇 НОМЕ	🗢 LEARN	ACCESS	F TOOLS	REQUEST		
TS Home > Access							
Introduction to Access) e u mile e d	Terminel				
SNOMED CT-AU	Ad	ccess terminology	Terminol downloads either a e FHIR value sets.		oundle or in CSV/TSV	/ format below. FHIR	Resources
	Y	ou must be <mark>logge</mark>	<mark>d in</mark> to download.				
Download						d by permission of the DO). All rights reserv	
Technical Guides	SI	NOMED CT [®] was o		The College of A		. "SNOMED" and "SNO	
FHIR Resources							
RCPA	R	F2 Release I	Bundle				
RCPA	Th	ne sections below	provide links to do			ned monthly release	
RCPA Document Library	Th	ne sections below Jeir native RF2 dist	provide links to do ribution format. Li ED CT core termine	nked archives con	ain all of the relevan	ned monthly release nt terminology releas ence Set, and other r	e data,
	Th	ne sections below leir native RF2 dist cluding the SNOME ats for use in Austr	provide links to do ribution format. Li ED CT core termine	nked archives con logy files, the Aus	ain all of the relevan tralian Dialect Refer	nt terminology releas	e data,
Document Library	Th	ne sections below leir native RF2 dist cluding the SNOME ats for use in Austr	provide links to doi ribution format. Li ED CT core termino alian healthcare.	nked archives con logy files, the Aus ec 2016 (Cur	ain all of the relevan tralian Dialect Refer	nt terminology releas ence Set, and other r	e data,
Document Library Need Help?	Th	ne sections below leir native RF2 dist cluding the SNOME tts for use in Austr SNOMED-	provide links to doi ribution format. Li ED CT core termino alian healthcare. •CT AU 31 De SNOME	nked archives cont logy files, the Aus ec 2016 (Cur D CT-AU 31 Dece	iain all of the relevan tralian Dialect Refer rent)	nt terminology releas ence Set, and other r	e data, eference
Document Library Need Help?	Th	e sections below leir native RF2 dist cluding the SNOM ets for use in Austr SNOMED-	provide links to dor ribution format. Li ED CT core termine alian healthcare. CCT AU 31 De SNOMEI SNOMED C	And the sec of the sec	ain all of the relevan tralian Dialect Refer rent) mber 2016 (RF2 FU	nt terminology release ence Set, and other r	e data, eference
Document Library Need Help?	Th	e sections below leir native RF2 dist cluding the SNOME tas for use in Austr SNOMED-	provide links to doi ribution format. Li 2D CT core terminic alian healthcare. CCT AU 31 De SNOMED SNOMED SNOMED	ec 2016 (Cur D CT-AU 31 Decent T-AU 31 Decent CT-AU 31 Decent	ain all of the relevant tralian Dialect Refer rent) mber 2016 (RF2 FU er 2016 (RF2 SNAP)	nt terminology release ence Set, and other r	e data, eference

Note: You need to be Logged in to be able to select and download the release. Always download the **SNAPSHOT** version as that is what the Validator requires.

2b Selecting the download icon, saves the zip file to your default Download directory. Move the file to c:\temp or another local temporary folder.

The file downloaded should follow a similar pattern to this, where yyyymmdd is the monthly release date.

NCTS_SCT_RF2_DISTRIBUTION_32506021000036107-yyyymmdd-SNAPSHOT.zip

3a An alternative way to download the file from the website automatically is to get a Client ID and Client Secret from the health terminologies website.

To do this, login into the health terminologies website and select the "My Profile" Tab at the top of the page.

MY PROFILE

Select the Client Credentials tab below your user details, and select the "Add" button.

CLIENT	CREDENTIALS
CLIENT	CREDENTIALS

Enter the System Name and System Purpose, and select Save:

System Details	
System Name*	<u>CPV</u> 27
System Purpose*	CDA Validation
Save	Cancel

Note down the Client ID and Client Secret.

3b Select the "NCST Syndication Feed" button.

onfiguration and Runtime Terminology DB File: TerminologyDB. Terminology Loaded:	sdf 450MB	Refresh	NB: Select the root folder RF2Release for SNOMED SNOMED/AMT v3' now of	after unzipping th /AMT. From Dec only supports this	e terminology pack 2015 SNOMED ar format. AMT v2 is	age. The subfolder should be called id AMT come in one file. The 'Load no longer supported.	
Australian Medicines Terminology (AMT Australian Medicines Terminology (AMT Australian PBS Code, 20171101 SNOMED CT-AU, http://snomed.info/sc), http://snomed.info/sct/90006201100003	6108/version/20151130	Load SNOMED/AMT v3:		Zip		Clear All SNOMED datasets
			For SNOMED/AMT data or use NCTS syndication i For PBS data visit this we PBS XML V3 file (ZIP)	feed		www.healthterminologies.gov.au www.pbs.gov.au/browse/downloads	NCTS Syndication Feed
Remove old dataset			Compress DB				

 3c Selecting the folder icon, $\stackrel{\frown}{=}$ browse to a temporary folder such as c:\temp and select ok.

Enter the Client ID and Client Secret noted down from the website (in step 3a), and then select "Get Releases". This will populate the listbox with the last 6 months of SNAPSHOT files.

Select the one required, and select "Download".

The progress bar will indicate the download speed. (This may freeze during download but just leave as when the download is complete it will updated and show a full green bar).



The file downloaded should follow a similar pattern to this, where yyyymmdd is the monthly release date.

NCTS_SCT_RF2_DISTRIBUTION_32506021000036107-<mark>yyyymmdd</mark>-SNAPSHOT.zip

4 Import the downloaded SNOMED CT-AU package ZIP file by selecting **Zip** for 'Load SNOMED'.

Terminology DB File: TerminologyDB.sdf 331MB	Refresh NB: Select the root folder after unzipping the terminology package. The subfolder should be called RF2Release for SNOMED/AMT. From Dec 2015 SNOMED and AMT come in one file. The 'Load	
Terminology Loaded:	SNOMED/AMT v3' now only supports this format. AMT v2 is no longer supported.	
Australian Medicines Terminology (AMT), 2.56 Australian PBS Code, 20171001 SNOMED CT-AU, http://snomed.info/sct/32506021000036107/version/20170930	Load SNOMED/AMT v31 Folder Zp	
	Load PBS: Folder Zip	
	For SNOMED/AMT data visit this website https://www.healtherminologies.gov.au	
	For PBS data visit this website, and select	
	PBS XML file (ZIP) http://www.pbs.gov.au/browse/downloads	
Remove old dataset		
Remove oid dataset	Compress DB	

Note: If the SNOMED CT-AU package ZIP file was already downloaded and unzipped into a folder, the contents of the folder may be imported by selecting **Folder**.

5 Select the SNOMED CT-AU package ZIP file and select **Open**.



6 The message 'Unzipping data' is displayed while the SNOMED CT-AU data is being imported.

Note: The loading process may take many minutes to complete.

7 Confirm that the SNOMED CT-AU dataset has been successfully loaded into the Validator database. The message 'Loaded data into database' should appear next to the button that was selected to load the dataset and the terminology dataset should appear in the 'Terminology Loaded' list.

2	Ter	ninology			
Terminology Management					
Terrinology DB File: Terrinology DB and 17048 Terrinology Loaded	Rafash	NB: Select the root fuller BF3Relates for ShOMED SNOHED/AMT +7 root	dar unspein AMT, Press	g the terris Dec 2015 5 the format	rology package. The subfolder should be called (ACMID and AMT come in one file. The Saled AMT v2 is no longer supported).
		Load SNOWED/ANT +3	Paller	29	Literated data into database
		Load PRS	Puller		
		For SNOHEDIXHT data For PES data visit this we PES XM, Tax (22P)	rish this reals	ete eret	tan kecada na katawata ana katat ta Tan kecada na katat ta
Arrows of Grane		Corpose 58			
					Orm

Note: The Refresh button may need to be selected to see the list of loaded terminology data.

End

4.6.3 Find and load another version of the AMT v3 dataset

1 Since Oct 2016, the Agency has stopped releasing separate releases of AMT. AMT is now only released within the SNOMED release.

4.6.4 Find and load another version of the PBS dataset

	Terminology
Terminology Management	
Configuration and Runtime	
Terminology DB File: TerminologyDB.sdf 331MB Terminology Loaded:	Refresh NB: Select the root folder after unapping the terminology package. The subfolder should be called RF2Release for SMOMED/AMT. From Dec 2015 SNOMED and AMT come in one file. The Load SKOMED/AMT v3 how only upucorts this formate. AMT v3 is no longer supported.
Australian Medicines Taminology (ANT), 2.56 Antibeller (BS.Cole, 5171003 STOMED CT-AU, http://knomed.info/scr/32506021000036107/versis	1/2017/0930 Load SNOMED/AMT v21 Folder Zp Load PBS: Folder Zp
	For SNOMED/AMT data vist this webste <u>https://www.heabtherminologies.gov.au</u> For PES data vist this webste, and select PES XML file (ZIP) <u>http://www.sbs.gov.au/browseldownloads</u>
Remove old dataset	Congress DB

Note: PBS Item codes and PBS Manufacturer codes are both included in the PBS dataset.

Either download the latest version of the PBS dataset by selecting the PBS XML file link, or select
 Publications Archive to choose an earlier version of the PBS dataset.

Australian Government Department of Health	PBS	Pharmaceu Benefits S		QE	inter a medicine, drug), brand name	e or item number PBS MEDICINE SEA
PBS Information -	Browse the PBS ◄	For Health Professionals -	For Industry -	News -	Publications & Dov	vnloads -	Contacts
Browse by dow	nloads						
PBS Download	S						See also
Page last updated: 1 June 2015							PBS Publications
1 June 2015							PBS Statistics PBS Reviews Software Developers site
 Errata to Schedule of Ph PBS Text files (ZIP 3.1 M 		PDF 407KB)					Soliware Developera alte
PBS XML file (ZIP 5.5 M							
Archive							

3

Save a copy of the selected PBS XML file in the C:\temp directory or another local directory.



4 Import the downloaded PBS package ZIP file by selecting **Zip** for 'Load PBS'.

Q	Terminology	×
Configuration and Runtime Terminology DB File: Terminology (DB.sdf 331MB Ref Terminology Loaded: Terminology Loaded: Australian Medicare Terminology (AMT). 2.56 Australian Medicare Terminology (AM	NB: Select the root folder after rontoping the seminology package. The subfolder should be called BR2284ease for SNOMED/AMT .From Day 2015 SNOMED and AMT come in one file. The 'Load SNOMED/AMT v3' now only supports the format. AMT v2 is no longer supported. Load SNOMED/AMT v3' now only supports the format. AMT v2 is no longer supported. Load SNOMED/AMT v3' now only supports the format. AMT v2 is no longer supported. For SNOMED/AMT v3' now only supports the format. AMT v2 is no longer supported. For SNOMED/AMT v3' now only supports the format. AMT v2 is no longer supported. For SNOMED/AMT data visit this website For SNOMED/AMT data visit this website For SNOMED/AMT data visit this website. For SNOMED/AMT data visit this website.	
Remove old dataset	Compress DB	Close

Note: If the PBS package ZIP file was already downloaded and unzipped into a folder, the contents of the folder may be imported by selecting **Folder**.

5 Select the PBS package ZIP file and select **Open**.

0		Open	
Look in	n: 🚺 Downloads	v 🕝 🦻 📂	.
æ	Name	*	Date modified
en st	ISSetupPro	requisites	14/04/2016 2:4
Recent places	2015-06-0	l.zip	15/04/2016 1:3
Desktop Libraries This PC			
	<		
Network	File name:	2015-06-01.zip	✓ Open
INETWORK	Files of type:	Zip Files (*.zip)	✓ Cancel
		Open as read-only	

6 Two messages (i.e. 'Unzipping data' then 'Loaded data into database') are displayed while the PBS data is being imported.

2	Terr	ninology			
Terminology Management					
Terrinology DB File: Terrinology, DB and 17048 Terrinology Lastielt	Aufrach	BEDRakama for SNUCHHED	LAT. Post C	Sec 20104 60	ology package. The subfolder should be called NOHED and AMT come is one file. The based AMT v2 is no longer suggested.
		load SNOHED/ANT +3	Poller	29	
		Load PRS-	Poller	29	luberhad darts into database
		Re SNONODIXMT date Re RES date visit this we RES XML file (20P)	date, and min		Man Development and Andrewski and Andrewski Andrewski and Andre
Aerone of datase		Congress 58			

Note: The loading process may take many minutes to complete.

7 Confirm that the PBS dataset has been successfully loaded into the Validator database. The message 'Loaded data into database' should appear next to the button that was selected to load the dataset.

Configuration and Runtime					
Territology DB File: Territology DB alf 37348 Territology Lastell	Refrect	NB: Select the rost follow RFIRelease for SNOHED SNOHED/ANT +37 new	after unsiggin (ANT, Proce unity subjects	o the territor Over 20125 SF this farmat.	ology peckage. The subfoller should be called NOHEO and AMT come in one file. The balat AMT v2 is no longer supported.
Autorian Malcines Terminology (ANT), 2.58 Autorian Malcines Terminology (ANT), total ferroreat adv	Avv/900620110000000100100/versev/201011100	Load ShOWED/ANT +3	Poller	20	
Averalian PBS Code, 2018/0201 and the Code, 2018/0201 and the Code, 2018/02018	Australian PBS Code, 20140201 Discrete Code, 20140201 How (2004021000010000100010000100001000000000	Load PRS:	Follow	29	Loaded data into database
		Par SNOHEDIKNT das Par 1955 das visit das o 1955 XM, file (207)	abates, and sal	10	tan Tura ata ana Salamata manakad Tanta ata aka salamata ta
Remove oil detext		Compress 58			

End

4.6.5 Remove a terminology dataset

1 If the list of terminology datasets currently loaded into the Validator is not displaying, select **Refresh**.

Configuration and Runtime Terminology DB Fle: TerminologyDB.sdf 331MB Terminology Loaded:	Refresh NB: Select the root folder after unapping the terminology package. The subfolder should be called RF2Relass for SNOMEDIANT. From Dec 2015 SNOMED and AMT come in one file. The Load SNOMEDIANT V3 now only supports this format. ANT V3 a no longer supported.	
Australian Medicines Terminology (AMT), 2.56 Australian Pescalar 2002 (2020) SNOMED CT-AU. http://inomed.mfoitcr/232566211000036107/version/20170930	Load SNOMED/AMT v31 Folder Zp Load PBS: Folder Zp	
	For SNOMED/ANT dea visit this website <u>https://www.heahtreminolocies.gov.au</u> For PBS data visit this website, and select PBS XMI. Re (ZIP) <u>http://www.obs.cov.au/browseldownloads</u>	
Remove old dataset	Compress DB	

2 Choose the dataset to be removed and select **Remove old dataset**.

Ferminology DB File: Ferminology Loaded:	Terminology/DB.sdf	717MB	Refresh
Australian Medicines Tei Australian Medicines Tei Australian Medicines Tei Australian Medicines Tei Australian Medicines Tei Australian PBS Code. 2	minology (AMT), 2.55 minology (AMT), 2.56 minology (AMT), http://sno minology (AMT), http://sno minology (AMT), http://sno minology (AMT), http://sno minology (AMT), http://sno 0150901	mai infolue 19006-2011.0000361.08 / vesion mai.infolue2000062011.0000361.08 / vesion mai.infolue2000062011000061.08 / vesion mai.infolue200062011000061.08 / vesion mai.infolue200062011000061.08 / vesion 0000361.07 / vesion/20150531	/20150131 /20150228 /20150331 /20150430
Remove old dataset			

Note: The removal process may take many minutes to complete.

3 Confirm the dataset is no longer present in the list of loaded datasets.



4 If the database has multiple versions of a terminology, they can be cleared out with just clicking the 'Clear All ..." buttons on the right side.

This is also useful if the database gets into an unstable condition.

Configuration and Runtime Terminology DB.stif 450MB Refresh	NB: Select the root folder after unzipping the terminology package. The subfolder should be called RF2Release for SNOMED/AMT. From Dec 2015 SNOMED and AMT come in one file. The Load
Terminology Loaded: Australian Medicines Terminology (AMT), 3.56 Australian Medicines Terminology (AMT), http://snomed.info/st/960062011000036108/version/20151130 Australian P65 Code, 2017101 SNOMED CT-AU, http://snomed.info/str/32506021000036107/version/20180131	SNOMED/AMT v3' now only supports this format. AMT v2 is no longer supported. Load SNOMED/AMT v3'. Folder Zp Load PBSi Folder Zp Clear All PBS datasets
	For SNOMED/AMT data visit this website or use RCTS 5 yndication Read Por PBS data visit this website, and select PDS XML V3 File (ZIP) http://www.abs.dov.au/brownloads
Remove old dataset	Compress DB

End

4.6.6 Compress the database

The Validator's terminology database may be compressed to reduce its size. Compression removes unused space and reduces the footprint of the database on the disk. Compression should be done after loading and/or removing datasets. Compressing the database does not affect the performance of the Validator.

1 View the size of the database and select **Compress DB** to reduce its size.

I Terminology		×
Terminology Management		
Terminology DB File: TerminologyDB.sdf 450MB Refresh Terminology Loaded:	NB: Select the root folder after unzipping the terminology package. The subfolder should be called RF2Release for SNOMED/AMT. From Dec 2015 SNOMED and AMT come in one file. The 'Load SNOMED/AMT v3 now only supports this format. AMT v2 is no longer supported.	
Australian Medicines Terminology (AMT). 2.56 Australian Medicines Terminology (AMT), http://snomed.info/scs/900062011000036108/version/20151130 SNOMED CT-AU, http://snomed.info/scs/2500021000036107/version/20180131	Load SNOMED/AMT v3: Folder Zip	Clear All SNOMED datasets
	Load PBS: Folder Zip	Clear All PBS datasets
	For SNOMED/AMT data visit this website or use NCTS syndication feed https://www.healthterminologies.cov.au	NCTS Syndication Feed
	Por PBS data visit this website, and select PBS XML V3 file (ZIP) <u>http://www.pbs.gov.au/browse/downloads</u>	
Remove old dataset	Compress DB	
Kemove og dalaset	Compress Up	
		Close

In this example, the size of the database before compression is 831 MB.

Note: The compression process may take many minutes to complete.

2 View the size of the database again to confirm that the compression has been successful.

Terminology DB File: Terminology DB.sdf Terminology Loaded:	450MB Refresh	NB: Select the root folder after unzipping the termino RF2Release for SNOMED/AMT. From Dec 2015 SN SNOMED/AMT v3' now only supports this format.	OMED and AMT come in one file. The 'Load	
Australian Medicines Terminology (AMT), 2.56 Australian Medicines Terminology (AMT), http://sr Australian PBS Code. 20171101	nomed.info/sct/900062011000036108/version/20151130	Load SNOMED/AMT V3: Folder Zip		Clear All SNOMED datasets
SNOMED CT-AU, http://snomed.info/sct/3250602	1000036107/version/20180131	Load PBS: Folder Zip		Clear All PBS datasets
		For SNOMED/AMT data visit this website or use NCTS syndication feed	https://www.healthterminologies.gov.au	NCTS Syndication Feed
		For PBS data visit this website, and select PBS XML V3 file (ZIP)	http://www.pbs.gov.au/browse/downloads	
Remove old dataset		Compress DB		
		PBS XML V3 file (ZIP)	http://www.pbs.gov.au/browse/downloads	

In this example, the size of the database after compression is 331 MB.

End

4.7 Configure the temporary file location

The Validator stores a set of files for a temporary period. By default these are stored in C:\DigitalHealth\CPV27\Temp although a different location can be selected if required.

1	To change menu.	the loc	ation used by the Validator	to store temporary	y files, s	elect the Configuration
				Clinical Packa	ge Validator	
			guration Help Select an input file to validate			
		Template:		×	C	
		Addn Rules:	Select additional rules template folder for validation			

	Clinical Package Val
File Configuration Help Manage Templates Manage Terminology	6
Manage Temporary File Location Template: Addn Rules: Select additional rules template folder for validation	✓

3 Use the folder icon to browse for the folder.

Please note the text in RED. The Validator will delete every file and subfolder in this temporary folder, every time it runs. Do not set it to any folder that contains files you need to keep.

Default Temp Directory Path :		
C:\DigitalHealth\CPV27\Tem	D	
Use this path to point to where yo ANYTHING IN THIS DIRECTORY EVERY TIME THE VALIDATOR I data you wish to keep.	(including sub-directories)	WILL BE DELETED

4 To save the new temporary file location, select **Save**.

Default Temp Directory Path : C:\DigitalHealth\CPV27\Temp Use this path to point to where you store your temporary data. PLEASE NOTE, ANYTHING IN THIS DIRECTORY (including sub-directories) WILL BE DELETED EVERY TIME THE VALIDATOR RUNS, so don't set it to a directory where you have data you wish to keep.
Use this path to point to where you store your temporary data. PLEASE NOTE, ANYTHING IN THIS DIRECTORY (including sub-directories) WILL BE DELETED EVERY TIME THE VALIDATOR RUNS, so don't set it to a directory where you have data you wish to keep.
Save Cancel

End

4.8 Install a new version of the generic style sheet

1 The Validator is provided with version 1.4.0 of the generic style sheet (Generic CDA Style Sheet – stylesheet no CSS v1.4.0) to display clinical documents. This style sheet is available from the Agency's website³.

To install a different version of the generic style sheet, stop the Validator if it is already running.

³ <u>https://www.digitalhealth.gov.au/implementation-resources/ehealth-reference-platform/EP-2463-2017/DH-2467-2017</u>

2 Navigate to the folder where the Validator is installed (usually C:\DigitalHealth\CPV27) and select the Stylesheets subfolder.

			[- • ×
🚱 🗢 📕 🕨 Computer 🕨 Loca	I Disk (C:) → DigitalHealth → CPV2 →		▼ 4y Si	earch CPV25 🔎
Organize 👻 🔚 Open 🛛 Inclu	de in library 🔻 Share with 💌 New folder		: : :	• 🔟 🔞
🔺 🔆 Favorites	Name	Date modified	Туре	Size
💻 Desktop	퉬 Data	6/01/2017 9:03 AM	File folder	
🐌 Downloads	퉬 Resources	6/01/2017 9:00 AM	File folder	
💷 Recent Places	퉬 Schematrons	23/12/2016 11:53	File folder	
	퉬 Stylesheets	6/01/2017 9:00 AM	File folder	
🕨 🥽 Libraries	퉬 Temp	6/01/2017 9:00 AM	File folder	
	퉬 Templates	23/12/2016 11:54	File folder	=
4 🌉 Computer	CPValidator.exe	6/01/2017 8:49 AM	Application	3,470 k
▷ 🚢 Local Disk (C:)	CPValidator.exe.config	23/12/2016 11:35	CONFIG File	81 1

3 Locate and delete the **DH_Generic_CDA_Stylesheet** file from this folder and replace it with the new style sheet, using the same name.

Organize * 👩 Open *	New folder		目の	· 🗇 🛛
* 🚖 Favorites	Name	Date modified	Туре	528
Nesktop	CDAValidatorStylesheet.col	14/12/2016 1:40 PM	XSL Stylesheet.	23.8
😹 Downloads	# DH_Generic_CDA_Stylesheet.ol	6/81/2017 8-44 AM	302 Stylesheet	3793
1 Recent Places	PackageResultStyleSheetcolt	14/97/2015 4:07 PM	XSLT File	13
	C PackageStylesheet.col	14/07/2015 4:11 PM	XSL Stylesheet	22.8
Dia Libraries	an schematron-Validator-report.col	21/05/2015 2-31 PM	XSL Stylesheet	58
	💰 skeleton1-5.xxl	27/05/2015 2:37 PM	XSL Stylesheet	22.3
4 📲 Computer	Terminology/StyleSheet.colt	27/85/2815 2:37 PM	X3LT File	6.8
ELocal Disk (Ci)	TextDataStyleSheet.colt	27/05/2015 2:37 PM	XSLT File	2.8

4 Start the Validator.

The Validator will now use the new version of the style sheet.

En d

5 Troubleshooting

The Validator may display unexpected behaviour if its installation was unsuccessful. If this happens, follow the steps below.

Uninstall any previous versions of the Validator (Section 2.2). 1 2 Delete the C:\DigitalHealth directory and the temporary file location (Section 4.7). Ensure the Clinical Package Validator 2.7 Install.exe file is on the desktop or a local drive (e.g. 3 C:\). Right-click the Clinical Package Validator 2.7 Install eve file and select Run as administrator л

Organize GIRDAC		*						
Nehta	Name			Date modified	Туре		Size	
Novell	8003629900019338	-2017	0501 (For Testing)	1/05/2015 12:06 P	PM Perso	nal Informati	6 KB	
PerfLogs	Clinical Package V	فحامتاه		20/06/2015 0:52	AM Appli	cation	91,954 KB	
Program Files			Open	_				
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QuestSoftware	1		Troubleshoot comp	atibility				
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iestDATA			Restore previous ver	sions				
I Heare			Send to	•				
Clinical Package Validator 2.3 Install Date modified: 29/06/. Application Size: 89.7 M			Cut					
Application Size: 69.7 M	ID		Сору					
Uninstall an earlier version of th				-				
Install a NASH PKI certificate			Create shortcut					
all CP Validator 2.3			Delete					•
figure CP Validator 2.3	I		Rename				• Temp	late Package (".zip)
. Select template packages			Properties				p	ien 💌 Cancel
Launch CP Validator 2.3								

- Complete the installation of the Validator (Section 3). 6
- End

Acronyms

Acronym	Description
AMT	Australian Medicines Terminology
CDA	Clinical Document Architecture. CDA is a trademark of Health Level Seven International and is registered with the United States Patent and Trademark Office
CSS	Cascading Style Sheets
DVA	Department of Veterans' Affairs
NASH	National Authentication Service for Health
PBS	Pharmaceutical Benefits Scheme
SNOMED CT	Systematized Nomenclature of Medicine Clinical Terms
SNOMED CT-AU	Systematized Nomenclature of Medicine Clinical Terms – Australia
SVT	Software Vendor Test environment
XML	Extensible Markup Language