

HL7 OID Registry



Introduction And Overview

The HL7 OID Registry

- What is the HL7 OID Registry?
- How Do I Use the HL7 OID Registry?
 - Finding an OID [Find](#) Get List of Registered OIDs [List](#)
 - Register an OID [Register](#) Get a new OID [Get an OID](#)
 - Purchasing OID Coupons [Purchase](#)
- What Data Do I Need To Enter? [Entering Data](#)
 - Information You Need Up Front
 - Decisions You Will Need To Make Before You Begin
- What If The Entry Has Errors?
 - Edit Entered Data of a Registered OID [Edit OID Data](#)
- What if the OID Key is Lost? [Retrieve Lost OID Key](#)

Click on any blue box to jump directly to that section



HL7 OID Registry: Introduction

- A database of registered object identifiers used to identify:
 - Communicating organizations such as those using ONC MU Guides
 - Code Systems and Value Sets cited in HL7 Standards
 - Other kinds of things of interest to the HL7 community
- Usable by anyone
- Web page front directly accessible from the HL7 Home Page
- Can also create a new OID for you upon request during the registration process

What are OIDs? Why Do I Need Them?

- OIDs are machine-readable globally unique identifiers for various objects
- They are listed in registries which maintain descriptive information about them
- The ONC Meaningful Use regulations specify Implementation Guides that require OIDs
 - For organizations doing messaging
 - For code systems and identifier systems required in the Implementation Guides
 - To pass certification, organizations often must procure one or more OIDs to use in their interfaces

Not Only
Healthcare!

OIDs and Registries

- OIDs are assigned by ISO Registration Authorities (HL7 is one)
- There are many OID Registries in the world
 - Some public, some private, some free, some not
- There is an ISO Standard for the metadata for OIDs in Registries
- HL7 maintains an OID Registry for Healthcare Information Technology uses
- HL7 charges \$500 to register an OID in its registry
 - May include creating one

The HL7 OID Registry

- Houses several thousand OIDs that are cited in various published HL7 Standards
- Use of the registry to look up OIDs and their information (metadata) is free for anyone
 - Browser based through the internet
- OIDs can be registered by anyone who already has an OID in hand
- If an OID is needed and not currently in hand, the HL7 OID Registry can create one for you during the registration process

Where is the HL7 OID Registry?

Use any browser

Go to the HL7 Home Page at www.hl7.org

The link to OID Registry is here

Click on it to go to the OID Registry main page

The screenshot shows the HL7 International website. At the top, the HL7 International logo is on the left, and a search bar and user login information are on the right. A navigation menu includes links for Home, About, Standards, Membership, Resources, HL7 Store, Newsroom, Events, and Training. The main banner features the text "Partners in Interoperability" with a date "October 18 - 19" and a location "Johns Hopkins University • Baltimore, MD", along with a "Register Today" button. On the right, a "My HL7 Account" sidebar lists options like "My Account", "My HL7 Dashboard", "My Participation", "Subscriptions", "Meetings", "Balloting", "Committee Positions", "HL7 Certifications", "Work Groups & Listservs". Below the banner, a red arrow points from the text "The link to OID Registry is here" to the "About HL7 International" section. Another red arrow points from the text "Click on it to go to the OID Registry main page" to the "OID Registry" link in the "Participate" sidebar. The "About HL7 International" section describes the organization's mission. The "News & Announcements" section lists strategic questions, growth, and video recordings. The "Standards" section lists various standards and resources. The "Upcoming Events" section lists the "HL7's August 2016 Fundamentals Course". The "Participate" sidebar lists various participation options, with "OID Registry" circled in red. The "Discover" sidebar lists "Affiliates in Your Region".

Health Level Seven® INTERNATIONAL

Welcome William Ted Klein | Log Out

Search

Home About Standards Membership Resources HL7 Store Newsroom Events Training

Partners in Interoperability

October 18 - 19
Johns Hopkins University • Baltimore, MD

Register Today

My HL7 Account

My Account
My HL7 Dashboard

My Participation

Subscriptions
Meetings
Balloting

Committee Positions
HL7 Certifications
Work Groups & Listservs

Baltimore, MD

About HL7 International

Founded in 1987, Health Level Seven International (HL7) is a not-for-profit, ANSI-accredited standards developing organization dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services. read more >

News & Announcements

- 4 Strategic Questions about HL7 in Europe
- 5 Years of Growth for the HL7 Foundation in Europe
- Video Recordings from HL7's FHIR® Applications Roundtable Now Available!

Get the latest in the newsroom, on Twitter, Facebook, or the HL7 LinkedIn group.

Standards

- View All Standards
- Download the RIM
- HL7 Members with ONC Meaningful Use Certified EHR Products
- HL7 Standards Referenced in US Regulations
- IP Compliance Policy
- Vocabulary Standards Portal

Participate

- Balloting Desktop
- C-CDA Rendering Tool Challenge
- Conference Calls
- Conformance Testing
- Education Portal
- HL7 Directory
- OID Registry**
- Projects in Progress
- Training and Certification
- User Groups
- Work Groups
- Wiki

Discover

- Affiliates in Your Region
- Certification Directory

HL7's August 2016 Fundamentals Course


Aug 11, 2016 to Dec 1, 2016

Add to Calendar

OID Registry Main Page







This is the
entry page



Everything
you wish to do
with HL7 OIDs
is done by
clicking links
on this page


 **OID**
REPORTS

[Home](#)
Home
Obtain or Register an OID

OID Excel Reports
All OIDs
External Coding System OIDs
Internal Coding System OIDs
Ad-Hoc Reporting

Search for an OID
Status: 
All 
OID: 
Symbolic Name: 
Description: 
Full Name for Object: 

Edit My OID Data
Enter your OID: 
Enter your OID Key: 

Email OID Keys
Enter your Email Address: 



[Admin Login](#)

[Obtain or Register an OID](#)

Introduction for the HL7 Object Identifier (OID) Registry

ISO Object Identifier (OID) Definition:

An OID is a globally unique ISO (International Organization for Standardization) identifier. There are multiple ways that this identifier may be represented, and HL7 has chosen to represent OID registered here and used in HL7 models using a form that consists only of numbers and dots (e.g., "2.16.840.1.113883.3.1"). OIDs are paths in a tree structure, with the left-most number representing the root and the right-most number representing a leaf.

Each OID is created by a Registration Authority. Each of these authorities may, in turn, delegate assignment of new OIDs under it to other registration authorities that work under its auspices, and so on down the line. Eventually, one of these authorities assigns a unique (to it) number that corresponds to a leaf node on the tree. The leaf may represent a registration authority (in which case the OID identifies the authority), or an instance of an object. A registration authority owns the namespace consisting of its sub-tree.

OIDs are a preferred scheme for unique identifiers in HL7. OIDs should always be used except if one of the inclusion criteria for other schemes apply. HL7 Version 3 models use OIDs to identify coding schemes and identifier namespaces. OIDs can be allocated by any organization using a unique OID root. A single message can use OIDs from various sources and a single scheme can be identified by more than one OID (e.g. by an OID from more than one organization). Once issued, an OID is never withdrawn and always identifies the same scheme or object.

As with all identification systems there is not much point having identifiers if you don't know what they represent and vice versa - hence identification systems generally require a registry. This HL7 OID registry serves that purpose for the HL7 community.

HL7-Assigned OIDs

HL7 has established this OID registry and assigns OIDs in its branch for HL7 users and vendors upon their request in its role as an ISO Registration Authority. HL7 also assigns OIDs to public identifier-assigning authorities both U.S. nationally (e.g., the U.S. State driver license bureaus, U.S. Social Security Administration, HIPAA Provider ID registry, etc.) and internationally (e.g., other countries

HL7 OID Resources

[V2 Global Message Profile Library](#)
[Submit 2.x Global Message Profile](#)
[OID Registry FAQ Wiki](#)

OID Registry Help

For general OID Registry questions,
please email OIDRegistry@HL7.org
For questions related to the purchase
of OID coupons, please email
webmaster@HL7.org

Other OID Resources

[The General International OID Registry](#)
[OID Repository Frequently Asked Questions](#)
[Norway's Harald Alvestrand site about Object Identifiers](#)

Navigate to What You Need

Registering An
OID

The screenshot shows the 'HL7 INTERNATIONAL OID REPORTS' page. Red arrows point from the text labels on the left to specific elements on the page: 'Registering An OID' points to the 'Obtain or Register an OID' link; 'Get Lists of Registered OIDs' points to the 'All OIDs' link; 'Finding an OID' points to the 'Find OID' button; 'Editing OID metadata' points to the 'Edit OID' button; 'General Information' points to the 'Introduction for the HL7 Object Identifier (OID) Registry' section; and 'Link to FAQ' points to the 'OID Registry FAQ Wiki' link.



Admin Login

Obtain or Register an OID

Get Lists of
Registered
OIDs

Finding an
OID

Editing OID
metadata

General
Information

Link to FAQ

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Finding an OID in the Registry

- This section allows you to lookup an OID
- You can filter by the Status of the OID entry by selecting the appropriate Status from the dropdown menu
- All of the little question mark boxes bring up a piece of explanatory text when you click on them
- You can search by the OID value, or the Symbolic Name, the Description, or the Full Name
- Some searches do an exact string match, and some look for any instance of the string entered; click on the help mark
- Click on Find OID to perform the search

The screenshot shows a web interface titled "Search for an OID". It features a "Status:" dropdown menu with options: All, Complete (selected), Deprecated, Edited, Obsolete, Pending, Proposed, Rejected, Retired, and Unknown. To the right of the dropdown are several input fields, each with a small red question mark icon. Red arrows from the list items point to these elements: from "All of the little question mark boxes" to the first question mark; from "You can search by the OID value, or the Symbolic Name, the Description, or the Full Name" to the input fields; from "Some searches do an exact string match, and some look for any instance of the string entered; click on the help mark" to the second question mark; and from "Click on Find OID to perform the search" to the "Find OID" button at the bottom.



Finding an OID in the Registry

- Note that a yellow help text box will be displayed as soon as you click into any field to enter the text
- If you click on the 'X' in the upper right corner of the yellow box, the box will disappear
- When you have entered your searching and filtering criteria, click on 'Find OID' at the bottom of this section and the search results will be displayed in the pane on the right side
- Note that at this time you cannot search by organization or submitter or contact person or email addresses

Search for an OID

Status: ?
Complete ↕

OID: ?

Symbolic Name: ?


☒ ? This is the secondary identifier, short name, or 'title' for the OID.^X

Full Name for Object: ?


Find OID



Search Results Display



OID REPORTS



OID REGISTRY

HL7 Object Identifier (OID) Registry

Home

Home

Obtain or

OID Exce

All OIDs

External Coding System OIDs

Internal Coding System OIDs

Ad-Hoc Reporting

Search for an OID

Status: Complete

OID: nubc

Symbolic Name:

Description:

Full Name for Object:

Edit My OID Data

Enter your OID:

Enter your OID Key:

Email OID Keys

Click on an entry to bring up the details display screen

Comp OID ▲	Status	Symbolic name	Submitter First	Submitter Last
2.16.840.1.113883.11.15929	Complete	MaritalStatusUB92		
2.16.840.1.113883.11.15930	Complete	EmploymentStatusUB92		
2.16.840.1.113883.11.19453	Complete	USEncounterDischargeDisposition		
2.16.840.1.113883.11.19454	Complete	USEncounterReferralSource		
2.16.840.1.113883.13.182	Complete	nubc-AdmissionSource-vs	Lenel	James
2.16.840.1.113883.13.183	Complete	nubc-ServiceLineRevenue-vs	Lenel	James
2.16.840.1.113883.13.184	Complete	nubc-TypeOfBill-vs	Lenel	James
2.16.840.1.113883.13.185	Complete	nubc-TypeOfBillFrequency-vs	Lenel	James
2.16.840.1.113883.6.301	Complete	nubc-UB-04-Manual-cs	Durwin	Day
2.16.840.1.113883.6.301.1	Complete	nubc-TypeOfBill-cs	Durwin	Day
2.16.840.1.113883.6.301.2	Complete	nubc-TypeOfBillFrequency-cs	Durwin	Day
2.16.840.1.113883.6.301.3	Complete	nubc-ServiceLineRevenue-cs	Durwin	Day
2.16.840.1.113883.6.301.4	Complete	nubc-AdmissionSource-cs	Durwin	Day
2.16.840.1.113883.6.301.5	Complete	nubc-patDiscStatus-cs	Brett	Marquard
2.16.840.1.113883.6.301.6	Complete	nubc-ValueCode-cs	William Ted	Klein

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Page Shows all OID Information

- The right-hand side pane shows all of the metadata fields for the OID entry
- The data is grouped into sections for Submitter, Contact, Responsible Body, and General Information
- It indicates if the OID is “Internal” (created using the OID Registry web interface) or “External” (value is entered manually during registration)
- Submitter and Internal/External cannot be changed

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Go Back to Main Screen

The screenshot shows the HL7 Object Identifier (OID) Registry interface. On the left is a sidebar with navigation links. The main content area displays a form for registering or editing an OID. Two red circles with arrows point to the HL7 logo and the 'Home' link in the sidebar. Callout boxes provide instructions: 'Click on the HL7 logo' and 'Or on the Home link'.

HL7 Object Identifier (OID) Registry

Home
Home
Obtain or Register an OID

OID Excel Reports
All OIDs
External Coding System OIDs
Internal Coding System OIDs
Ad-Hoc Reporting

Search for an OID
Status: [?] Complete
OID: [?]
Symbolic Name: [?]
Description: [?]
Full Name for Object: [?]
Find OID

Edit My OID Data
Enter your OID: [?]
Enter your OID Key: [?]
Edit OID

Email OID Keys
Enter your Email Address: [?]
Email OID Keys

Submitter Information
* First Name: [?]
* Last Name: [?]
* Email: [?]
2nd Submitter: [?]
Lenel James, BCBSA

Contact Information
Contact for Information about this Entry
* Name: [?]
Durwin Day
* Phone: [?]
312-653-5948
* Email: [?]
dayd@bcbsil.com
Title/Role: [?]
HL7 P2PPHR CCD IG co-lead

Responsible Body
Body Responsible for Object Being Identified with an OID
* Name: [?]
George Arges
* Phone: [?]
312-422-3398
* Email: [?]
garges@aha.org
URL: [?]
http://www.nubc.org/become.html
Responsible Body OID: [?]

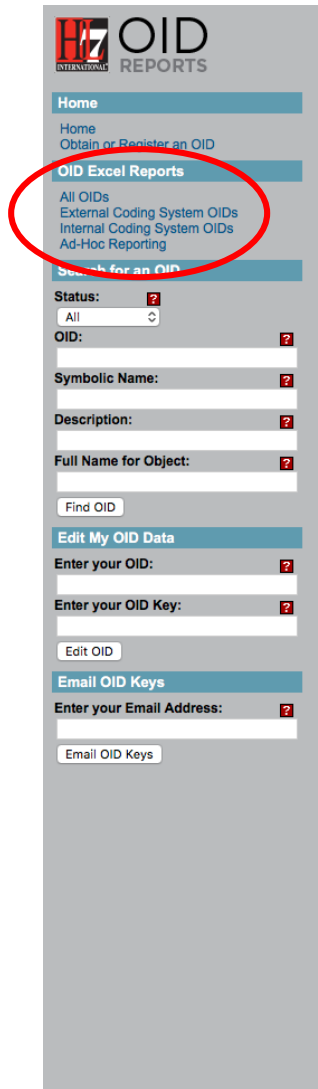
Internal or External OID
External OID

OID Information
Composite OID / GUID: [?]
2.16.840.1.113883.6.301.2
Replace By OID: [?]
OID Status: [?]

Address: [?]
George Arges
Chair, National Uniform Billing Committee
Senior Director - Health Data Management Group
American Hospital Association
155 N. Wacker Drive, Suite 400
Chicago, IL 60606-1725

*** Type:** [?]
Standards Development Org.

Get Lists of Registered OIDs



HL7 INTERNATIONAL **OID REPORTS**

Home
Home
Obtain or Register an OID

OID Excel Reports

All OIDs
External Coding System OIDs
Internal Coding System OIDs
Ad-Hoc Reporting

Search for an OID

Status: ?
All

OID: ?

Symbolic Name: ?

Description: ?

Full Name for Object: ?

Find OID

Edit My OID Data

Enter your OID: ?

Enter your OID Key: ?

Edit OID

Email OID Keys

Enter your Email Address: ?

Email OID Keys



[Admin Login](#)

[Obtain or Register an OID](#)

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HL7-Assigned OIDs

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Other OID Resources

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Output Lists of OIDs

- All of the outputs are done the same way
- You may select which metadata fields you wish to be output with the OIDs
- The four different output reports just have a different set of metadata fields selected by default; you can change any of these for each output operation
- You may select either an excel file (.xls), a comma-separated-value file (.csv), or an XML file for the output format

Example Selecting External Code System OIDs

- The right-hand side pane shows the standard output filtering and metadata field selection checkboxes
- The **OID Type** and **Status** are used in the same way Searching for an OID is used: filter the OIDs to only output those that match this criteria
- The **Columns** checkboxes allow selection for all of the metadata to be output for each OID. These are the only fields that may be output for each OID
- The **Format** dropdown allows you to select CSV, Excel, or XML output
- The **XSD for XML** link on the very bottom right allows download of the XSD schema for the XML output file (if selected for the output format)

The screenshot shows the HL7 Object Identifier (OID) Registry interface. Red circles and arrows highlight specific features mentioned in the text:

- OID Type:** A red circle highlights the "OID Type:" section, which contains a list of checkboxes for selecting specific OID types. The "6 - OID for an External Code System" checkbox is checked.
- Status:** A red circle highlights the "Status:" section, which contains a list of checkboxes for selecting specific status values. The "OID review is complete" checkbox is checked.
- Columns:** A large red circle highlights the "Columns:" section, which contains a list of checkboxes for selecting specific metadata fields. The "Select All" checkbox is checked.
- Format:** A red circle highlights the "Format:" dropdown menu, which is currently set to "Excel".
- XSD for XML:** A red circle highlights the "XSD for XML:" link, which is used to download the XSD schema for the XML output file.

At the bottom right, there is a button labeled "Report on OID's".

Register and/or Get An OID

There are 2 links to get to the register screens

Clicking on either one will get you to the same registration page

If you do not have an OID in hand, you can request one during registration

OIDs are not free!

HL7 INTERNATIONAL REPORTS

Home

Obtain or Register an OID

OID Excel Reports

All OIDs
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Internal Coding System OIDs
Ad-Hoc Reporting

Search for an OID

Status: ?

All

OID: ?

Symbolic Name: ?

Description: ?

Full Name for Object: ?

Find OID

Edit My OID Data

Enter your OID: ?

Enter your OID Key: ?

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Email OID Keys

Enter your Email Address: ?

Email OID Keys



Admin Login

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Overall Process Steps

1. Login to your HL7 account
 - If you do not have one, you must create one
2. Purchase a coupon for an OID from the HL7 Store
3. Redeem the coupon that is emailed to you in order to commence the registration
4. Enter the fields of data that are maintained for OIDs in the registry
 - If you do not have an OID to enter, one can be created for you as part of this
5. Submit the registration
6. Receive OID and OID keys on screen and by email
7. Get approval confirmation email

HL7 Login and OID Coupons

- Making a purchase on the HL7 website requires an HL7 login
- If you do not have an HL7 login account, the screens that are part of the OID coupon purchase process require you to create an account
- If you do have an HL7 login account, you will be prompted to login
- If you are already logged in, you will not see the reminders to login to your account

Purchase an OID Registration

- **OIDs are not free!!!**
- OIDs **must** be purchased with a coupon
- This begins a ten-step process
- Once you have purchased a coupon, come back here and redeem it for an OID registration



OID
REGISTRY

Members: \$250 Non-Members: \$500

➡ **Purchase a coupon to create an OID**

- ➡ The login screen will display. Existing users must login and new users must create a login
- ➡ Once logged in, the purchase screen displays; enter quantity and complete the purchase

➡ **Redeem a coupon that has already been purchased**

- ➡ You will be asked to enter your coupon code which you received in the email

Step One: Go Purchase a Coupon

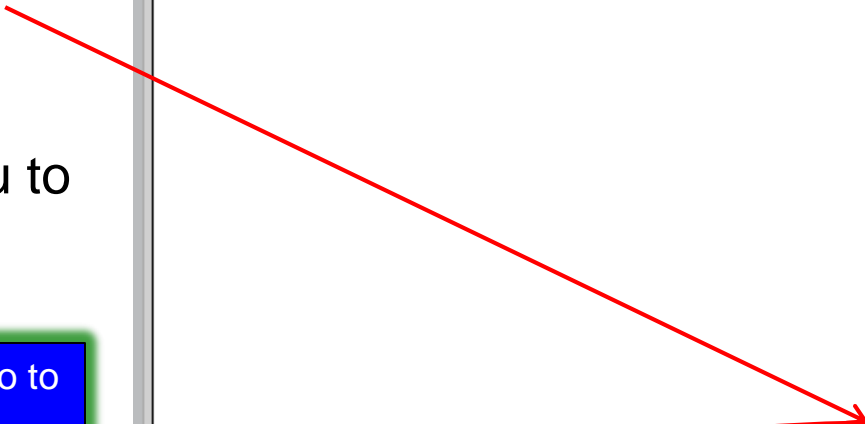
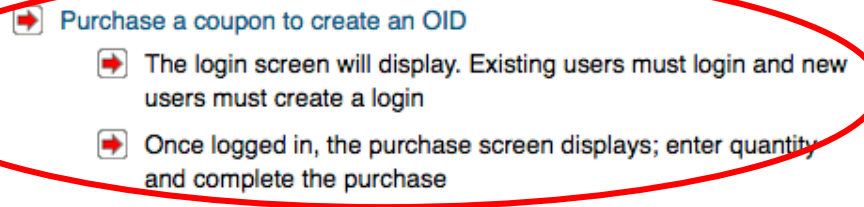
- Click here to go to the purchase screens
- This will bring you to the HL7 Store

Click here to go to Step Two

- If already logged in, just go to the next slide

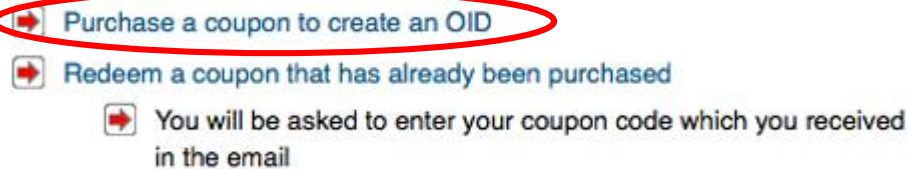


OID
REGISTRY

- 
- 
- ➡ Purchase a coupon to create an OID
 - ➡ The login screen will display. Existing users must login and new users must create a login
 - ➡ Once logged in, the purchase screen displays; enter quantity and complete the purchase
 - ➡ Redeem a coupon that has already been purchased
 - ➡ You will be asked to enter your coupon code which you received in the email

But if you are already logged in...

- If already logged into your HL7 account, you will see this instead

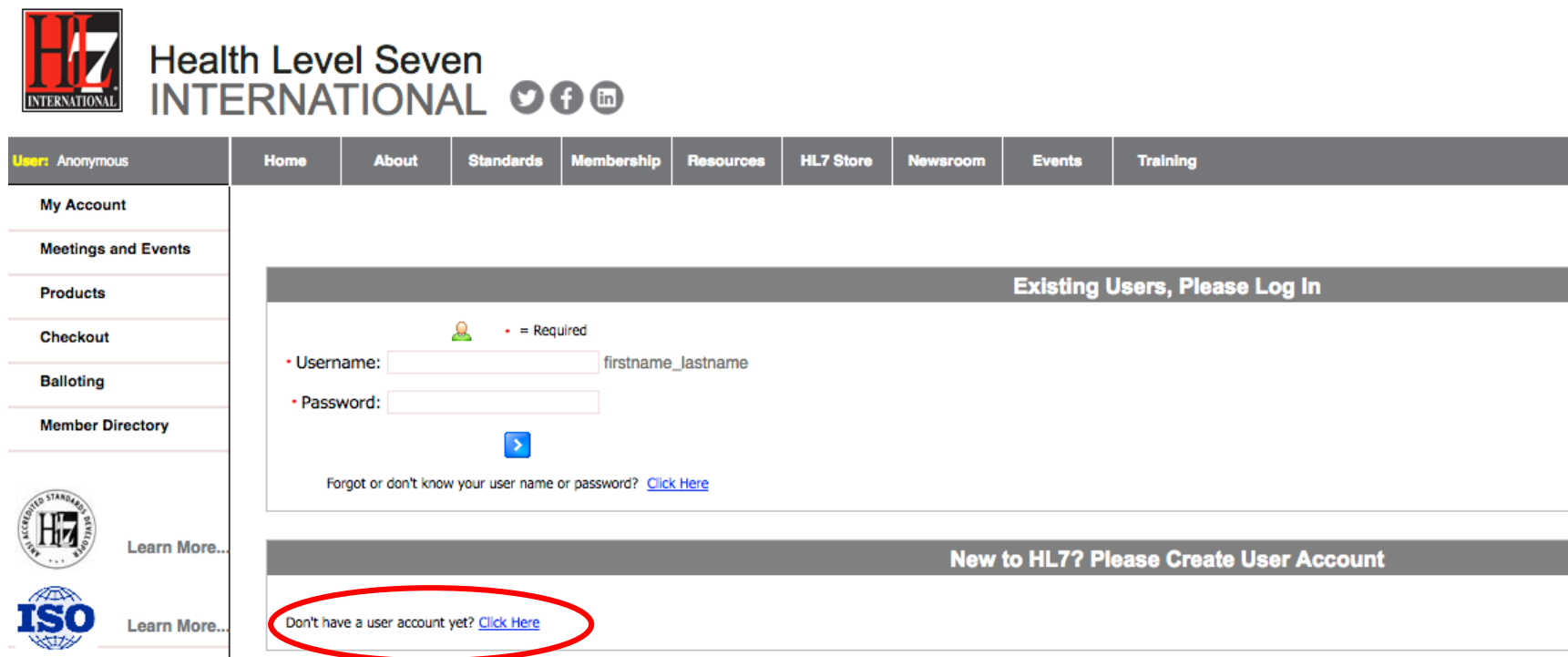


- Click here to go to the purchase screens

- This will bring you directly to the purchase page

This will take you directly to the purchase page to add the coupon to your cart. Click on this box here to proceed to that slide.

Step Two: Login to your HL7 account



The screenshot shows the HL7 International website. At the top left is the HL7 International logo. To its right is the text "Health Level Seven INTERNATIONAL" and social media icons for Twitter, Facebook, and LinkedIn. Below this is a navigation bar with links: Home, About, Standards, Membership, Resources, HL7 Store, Newsroom, Events, and Training. On the left side, there is a sidebar menu with links: My Account, Meetings and Events, Products, Checkout, Balloting, and Member Directory. Below the sidebar menu are two circular logos: the Accredited Standards Development (ASD) logo and the ISO logo, each with a "Learn More..." link. The main content area has a header "Existing Users, Please Log In". Below this header are two input fields: "Username:" and "Password:". The "Username:" field has a placeholder text "firstname_lastname". Above the "Username:" field is a small icon of a person and a red asterisk followed by "= Required". Below the "Password:" field is a blue button with a right-pointing arrow. Below the input fields is a link: "Forgot or don't know your user name or password? [Click Here](#)". Below this is another header "New to HL7? Please Create User Account". Below this header is a link: "Don't have a user account yet? [Click Here](#)". The link "Don't have a user account yet? [Click Here](#)" is circled in red.

- No HL7 account? Then you must create one from here.
- You cannot make a purchase at HL7 without a login account; create one and come back to this step
- You will not see this step if you are already logged in

Step Three: Find the Coupon

- All of the HL7 products for sale are listed on this page
- They are in alphabetical order
- Scroll down to the “O”s to find the OID coupon
- Or search by entering “OID” in the Search box and click on “Search”

The screenshot displays the Health Level Seven International website. The header includes the HL7 logo, the company name, and social media icons. A navigation bar contains links for Home, About, Standards, Membership, Resources, HL7 Store, Newsroom, Events, and Training. A left sidebar lists user options like Log Out, My Account, Meetings and Events, Products, Checkout, Balloting, and Member Directory. Below this are accreditation logos for HL7 and ISO, followed by a 'Quick Links' section with various links. The main content area, titled 'All Products', lists items in alphabetical order. A red arrow points from the 'Search Products' box in the top right to the 'OID' search term entered in the search field. The search results show '30 YEAR FLEECE 2XL-3XL' with a price of \$35.00, '30 YEAR FLEECE S-XL' at \$30.00, 'All 8 HL7 Messaging Standards HTML on CD' at \$700.00, 'All 9 Version Access Database' at \$1,500.00, 'Ambulance Service Attachment' at \$0.00, 'Arden Syntax V2.0' at \$0.00, 'Arden Syntax V2.1' at \$0.00, 'Arden Syntax V2.1 Pocket Guide' at \$10.00, 'Arden Syntax V2.5' at \$0.00, 'Arden Syntax V2.6' at \$0.00, and 'Arden Syntax V2.7' at \$0.00. A 'Search Products' box with an 'OID' input and a 'Search' button is circled in red. A 'Product Categories' list is also visible on the right.

Product Name	Your Price: (Member)
30 YEAR FLEECE 2XL-3XL	\$35.00
30 YEAR FLEECE S-XL	\$30.00
All 8 HL7 Messaging Standards HTML on CD	\$700.00
All 9 Version Access Database	\$1,500.00
Ambulance Service Attachment	\$0.00
Arden Syntax V2.0	\$0.00
Arden Syntax V2.1	\$0.00
Arden Syntax V2.1 Pocket Guide	\$10.00
Arden Syntax V2.5	\$0.00
Arden Syntax V2.6	\$0.00
Arden Syntax V2.7	\$0.00

Step Four: Go Purchase It

■ Click on this

■ Then Add to Cart on next screen

The screenshot displays the Health Level Seven International website. At the top, the logo and name 'Health Level Seven INTERNATIONAL' are visible, along with social media icons for Twitter, Facebook, and LinkedIn. A navigation bar includes links for Home, About, Standards, Membership, Resources, HL7 Store, Newsroom, and Events. A user is logged in as 'User: 0003176'. On the left, a sidebar menu lists 'Log Out', 'My Account', 'Meetings and Events', 'Products', 'Checkout', 'Balloting', and 'Member Directory'. The main content area is titled 'All Products' and shows a product listing for 'V3 IG Unique OIDs R1' with a price of '\$0.00' for members. A red circle highlights the 'Object Identifier (OID)' link in the product list. A red arrow points from the text 'Click on this' to this link. Below the product list, there is a section for 'Object Identifier (OID)' with a price of '\$100.00' for members. A red circle highlights the 'Add to Cart' button, and a red arrow points from the text 'Then Add to Cart on next screen' to this button. On the right side of the page, there are sections for 'Your Products shopping cart is empty.', 'How to Order', 'Search Products' (with an input field and a 'Search' button), and 'Product Categories' (listing 'Access Database Upgrade', 'Arden Syntax', 'Claims Attachments', and 'Clinical Context Mgmt Spec').

Step Four: Add it to your cart

- Then Add to Cart by clicking here

The screenshot shows the Health Level Seven International website. The header includes the HL7 logo and the text 'Health Level Seven INTERNATIONAL' with social media icons for Twitter, Facebook, and LinkedIn. A navigation bar contains links: Home, About, Standards, Membership, Resources, HL7 Store, Newsroom, and Events. On the left, a sidebar menu lists: Log Out, My Account, Meetings and Events, Products, Checkout, Balloting, and Member Directory. Below this menu are logos for 'ACCREDITED STANDARD SET' and 'ISO' with 'Learn More...' links, followed by 'Quick Links' and 'Balloting'. The main content area displays 'Object Identifier (OID)' and 'Price: Member'. The 'Add to Cart' button is circled in red, with a red arrow pointing to it from the text 'Add to Cart by clicking here'. To the right, there is a section for 'Your Products shopping cart is empty.', 'How to Order', 'Search Products' (with a search bar and button), and 'Product Categories' including: Access Database Upgrade, Arden Syntax, Claims Attachments, Clinical Context Mgmt Spec, Clinical Document Architecture, Electronic Health Records Implementation Guides, Intro Books / Guides, Logo Merchandise, New Access Databases, Structured Product Labeling, V2.x HTML, Version 2 Standard, Version 3 Standard, and XML.

Step Five: Cart and Checkout

- Works the same as other e-commerce sites
- Adjust quantities if you need to register more than one OID
- Continue to checkout when done



Health Level Seven
INTERNATIONAL



User: 0003176

Home About Standards Membership Resources HL7 Store Newsroom Events Training

Log Out

My Account

Meetings and Events

Products

Checkout

Balloting

Member Directory

Product	Unit Price	Qty	Total Price
Object Identifier (OID)		1	
Totals		1	

To remove a product from your shopping cart, enter a quantity of zero for the product, and then click the Update option.

Click the Update option if you change a quantity.

Continue on to Checkout.

Update

Checkout

Search Products

Product Categories

- [Access Database Upgrade](#)
- [Arden Syntax](#)
- [Claims Attachments](#)
- [Clinical Context Mgmt Spec](#)
- [Clinical Document Architecture](#)
- [Electronic Health Records Implementation Guides](#)
- [Intro Books / Guides](#)
- [Logo Merchandise](#)
- [New Access Databases](#)
- [Structured Product Labeling](#)
- [V2.x HTML](#)

Step Six: Buy the Coupon

- Either button will allow you to go to the payment screen

- The payment screens work just the same a buying any other kind of product online, or any other kind of HL7 product (including conference registrations)

Order Summary

order below. When you're ready, click the button to the right to checkout.

[Continue with Checkout](#)

	Quantity	Unit Price	Total Price	
Object Identifier (OID)	1			Edit

Total Product Fees:
Shipping/Postage:
Sales Tax:
Total:
Total Paid:
Balance Due:

[Continue with Checkout](#)

[Cancel Entire Transaction](#) [Continue Shopping](#)

Step Seven: Receive Emails

- After the purchase is processed and validated, you will receive TWO emails:

From: HQ@HL7.org [mailto:HQ@HL7.org]
Sent: Friday, September 09, 2016 12:10 PM
To: linda@hl7.org
Subject: HL7.org Order Confirmation

Confirmation for Linda Jenkins 0104150
Transaction Number: 36447
Charged to your MasterCard Credit Card with its number ending in: 4806

The following is a summary of your purchases:
Description
Object Identifier (OID)

Total:
Total Shipping/Postage:
Sales Tax:
Paid:
Balance due:

Note: Memberships, OIDs and Subscriptions are non-refundable.

1. Confirmation of purchase in first email
2. OID Coupon in body of second email

Date	9/9/16 1:15 PM
Code	<u>OID_Coupon_code</u>
Record	
From	webmaster@HL7.org
To	tk_cmrc@tklein.com
Subject	Coupon(s) for OID registry purchase
Body	Your Payment has been processed for OID coupon. Please use link below to redeem your coupon. http://hl7.org/oid/index.cfm?coupon_code=1375465764

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30th Annual Plenary & Working Group Meeting September 17 – 23, 2016 Baltimore, MD [More Information!](#)

Step Eight: Redeem OID Coupon

Click on this
hyperlink

Or paste the
link into your
browser if
clicking it
doesn't work

Note that the
OID coupon
email
sometimes
winds up in
your spam
folder!

Date	9/9/16 1:15 PM
Code	OID_Coupon_code
Record	
From	webmaster@HL7.org
To	tk_cmrc@tklein.com
Subject	Coupon(s) for OID registry purchase
Body	Your Payment has been processed for OID coupon. Please use link below to redeem your coupon. http://hl7.org/oid/index.cfm?coupon_code=1375465764

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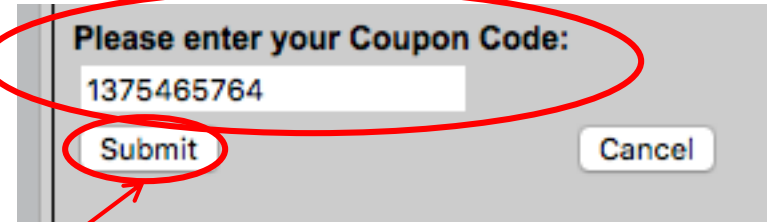
30th Annual Plenary & Working Group Meeting September 17 – 23, 2016 Baltimore, MD [More Information!](#)

*This is the actual
numeric coupon code*



Step Nine: Enter Coupon Code

- Will automatically fill in this number from the hyperlink
- If there is some problem, you can enter in the numeric code manually also
- Click on Submit to enter the code and access the OID registration page
- If the number is incorrect, or the coupon has already been used, you will get his error screen message



A screenshot of a web form titled "Please enter your Coupon Code:". Below the title is a text input field containing the number "1375465764". Below the input field are two buttons: "Submit" and "Cancel". Red circles highlight the title, the input field, and the "Submit" button. Red arrows point from the first and third list items to these elements.




Unable to use Coupon

Invalid Coupon Code

[Click here](#) to send an email to the Webmaster

[Go Back](#)

Step Ten: Register Your OID

**OID
REPORTS**


Home
Home
Obtain or Register an OID

OID Excel Reports
All OIDs
External Coding System OIDs
Internal Coding System OIDs
Ad-Hoc Reporting

Search for an OID
Status: ?
All
OID: ?
Symbolic Name: ?
Description: ?
Full Name for Object: ?
Find OID

Edit My OID Data
Enter your OID: ?
Enter your OID Key: ?
Edit OID

Email OID Keys
Enter your Email Address: ?
Email OID Keys

**OID
REGISTRY**

HL7 Object Identifier (OID) Registry

Submitter Information	OID Information	Complete
Submitter Information		
* First Name: ? Ineed	* Last Name: ? Anewoid	
* Email: ? somebody@someemail.com	2nd Submitter: ?	
Continue >		

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This is the initial entry screen to get an OID; seeing this indicates that your coupon was accepted and processed successfully and you can begin.

Entering Data for Your OID

- An entry for an OID in the HL7 OID Registry has 32 pieces of user-entered data
 - This is compliant with the ISO 13582 Health informatics Communication model and XML interface specification for OID registries
- Some may be left blank, but 15 of these data items are mandatory and must be entered
- Entry fields have help text associated with them – click the red question marks
- **Some of this information should be determined before you begin!**

Things You Must Decide First

- Am I getting an OID from HL7, or am I registering an OID I already have or I have created myself?
 - No difference in fee
 - OIDs may only be created by ISO Registration Authorities; you cannot just make one up
 - The HL7 OID Registry will create a valid OID for you if you don't have one already
- You will choose:
 - Internal OID: We create the OID for you with an algorithm
 - External OID: You have one already that you are registering, and will enter it manually
- Same data entry requirements

Information You Will Need At Hand

- Contact Name, Phone, Email, Address
 - Who should be contacted by anyone with a question about the OID or the object it identifies
- Preferred Realm
 - Most are Universal, but some OIDs are for particular nations
- OID Type
 - OIDs are classified into over a dozen different types to make it easier to find groups of them
 - The most important Types you may be registering are:
 - Type 3 Root as RA (and can create your own OIDs under this); this is used for an Organizational OID for Meaningful Use reporting
 - Type 6 Coding Systems
 - Type 9 Conformance Profiles
 - Type 13 Value Sets

Information You Will Need At Hand

■ Responsible Body

- This is the Organization that is responsible for the object (such as a coding system) that is being identified by the OID
- There are various types of Responsible Bodies:
 - Academic Institution, Government Body, HL7 Body, Professional Society, Provider, Vendor, Payer, Standards Development Organization, Healthcare Exchange
- For Physician offices, this is the practice
 - May be a single practitioner
- For Health Exchanges, this is the company that runs the exchange
- For Hospitals, this is the Institution or Facility
- For Coding Systems and Value Sets, this is the organization that is the steward or publisher of them
- For Identifier Namespaces, this is the company or agency that assigns the numbers

Responsible Body Information Entry

■ Information You Need for Responsible Body

- Name
- Address
- Phone Number
- Email Address
- URL (if it has a website)
- OID (if the Organization has its own OID)
- There are checkboxes to override the required entries if the phone or address are not published
- Type
 - You select from the drop down list of types of Responsible Bodies
 - Pick the best match

Additional Information You May Need

■ External OID SubType

- Enter data for this field only if you are building a 'tree' of OIDs
- For registrations of a branch node in the tree to organize the structure, but is not to be used in messaging or reporting
- Use this if you wish to identify what kind of OIDs are under it

■ V2.x Linkage

- If you are registering an OID for a local code system this field may be important
- If the code system is to be used in Version 2.x messaging (ELR, Immunizations, Lab Results, etc.) you need this
- This holds the Table 0396 mnemonic of the code system
- If there is not one, you should request an entry from HL7 (no charge for table 0396 entries)

The Last of the Information Needed

- Full Name of Object being identified by the OID
 - The full name or title of the OID you are registering
- Symbolic Name
 - Short name, usually an abbreviation, and is a secondary identifier
 - Must comply with ISO rules (in the help drop-down box)
 - Must start with a lowercase letter
 - Only letters, numbers, and hyphens are permitted
- Description
 - Please enter a *meaningful* description of this OID and what it will be used for so others have an idea what you will use it for
 - This is the primary international documentation for this OID entry
 - Poor descriptions may lead to others calling you to clarify how it is used
- Assigning/Registration Authority
 - Name or OID of the Authority that assigned an external OID; leave blank for internal OIDs

A Note about 'root' OIDs

- Only ISO Registration Authorities may create OIDs
 - ISO rules must be followed
- When you get a Type 3 OID, HL7 will not create any OIDs 'under' the OID it gave you
- You may follow guidance to define your own OIDs under that 'root'
 - They are not official until registered with HL7
 - You enter the value you created during registration
- Guidance whitepaper link:

http://www.hl7.org/implement/standards/product_brief.cfm?product_id=210

OID Data Entry Part One

- Filled in from the first entry screen
- You cannot change the email here, this comes from your HL7 login account
- 2nd Submitter is optional
- Fields marked with * (asterisk) are required and cannot be left blank



OID
REGISTRY

HL7 Object Identifier (OID) Registry

Submitter Information		OID Information		Complete	
Submitter Information					
* First Name:	<input type="text" value="William Ted"/>	* Last Name:	<input type="text" value="Klein"/>		
* Email:	<input type="text" value="kci@tklein.com"/>	2nd Submitter:	<input type="text" value="Someone Else"/>		
Contact Information					
Contact for information about this Entry					
* Name:	<input type="text" value="John Doe"/>	Address: <input type="text"/>			
* Phone:	<input type="text" value="+1 734-677-7777"/>				
* Email:	<input type="text" value="somebody@someemail.com"/>				
Title/Role:	<input type="text" value="Chief Cook and Bottle Washer"/>				
Responsible Body					

Contact Information must be to a person or organization that is responsible for the object being identified by the OID. If the OID is to identify an organization (as per Meaningful Use reporting requirements) then this is the contact information for the organization itself
Person titles are optional, and address is optional

OID Data Entry Part Two

- Usually the name of the business
- Can use any international format; country code should be entered
- If the address or phone are not published, check these boxes and then you can leave the fields blank

The screenshot shows a web form for entering OID data. At the top, there is a text field containing 'Chief Cook and Bottle Washer'. Below this is a section titled 'Responsible Body' in a blue header. Under this header, the text 'Body Responsible for Object Being Identified with an OID' is displayed. The form contains several fields: 'Name:' with the value 'John Doe's Mysterious Company', '* Phone:' with the value '+1 555-123-4567' and a checkbox for 'Phone not published', '* Email:' with the value 'maincompany@JohnsCompany.com', 'URL:' with the value 'http://www.jdmcnywhatever.com', and 'Responsible Body OID:' which is empty. To the right of these fields is a section for '* Address:' with a checkbox for 'Address not published' and a text area containing 'Some Street', 'Some Suite maybe', 'Somerwhereville, MN 87654-1234', and 'USA'. Below the address section is a '* Type:' dropdown menu with 'Provider' selected. A large red oval highlights the 'Internal or External OID' section, which contains two radio buttons: 'Internal - I want to create a new OID for my object.' (selected) and 'External - I already have an OID or GUID for my object.' Below these is a text field for 'External OID / GUID:'.

Chief Cook and Bottle Washer

Responsible Body

Body Responsible for Object Being Identified with an OID

Name: John Doe's Mysterious Company

* Phone: (+1 555-123-4567) ☐ Phone not published

* Email: maincompany@JohnsCompany.com

URL: http://www.jdmcnywhatever.com

Responsible Body OID:

* Address: ☐ Address not published

Some Street
Some Suite maybe
Somerwhereville, MN 87654-1234
USA

* Type: Provider

Internal or External OID

* Internal or External OID? ☒ Internal - I want to create a new OID for my object.
☐ External - I already have an OID or GUID for my object.

External OID / GUID:

Here is where you indicate if you want HL7 to create an OID under its branch using its assignment algorithm, or you wish to enter the value of an OID you already have

Enter your own pre-existing OID value in this fill-in field if 'External'



OID Data Entry Part Three

- Must select the OID type you determined that you need earlier

- These are left blank for most common registrations

- Please enter a meaningful description!

- External OID SubType described in the FAQ

The screenshot shows the 'OID Information' form with several fields highlighted by red circles and arrows. The fields are: 'OID Type' (set to '3 - Root to be a Registration Authority'), 'External OID SubType' (blank), 'V2.x Linkage' (blank), 'Assigning/Registration Authority' (blank), 'Preferred Realm' (set to '(UV) Universal'), 'Desired Symbolic Name (short)' (set to 'jd-ORtesting'), 'Full Name for Object (Title)' (set to 'John's Testing Object for OID Registration Study'), and 'Description of the Object Identified by the OID' (containing the text 'This is a test entry for illustration of data entry for OID creation in the HL7 OID Registry.'). Red arrows point from the text on the left to the 'OID Type', 'External OID SubType', 'Assigning/Registration Authority', and 'Description of the Object' fields. A red circle highlights the 'Continue >' button at the bottom right of the form.

Continue >

When you are all done, click on Continue here



OID Data Entry: Symbolic Name

- The Symbolic Name must comply with ISO Secondary OID Identifier rules:
- If you violate them, when you try to move your cursor out of the field, you get an error popup like this
 - You must click on 'Close' to clear the error
- You must enter a valid symbolic name, then you can move to another data entry field
- When all done, save the record by clicking on 'Continue' at the bottom

The screenshot displays the 'OID Information' form. An error message box is overlaid on top, stating: 'Please enter a valid Symbolic Name, must not contain spaces.' The 'Close' button on this message box is circled in red. A red arrow points from the text 'You must click on 'Close' to clear the error' to this button. Another red arrow points from the text 'When all done, save the record by clicking on 'Continue' at the bottom' to the 'Continue >' button at the bottom of the form. The form fields include: 'OID Type' (dropdown: 3 - Root to be a Registration Authority), 'V2.x Linkage' (text field), 'Assigning/Registration Authority' (text field), 'External OID SubType' (dropdown), 'Preferred Realm' (dropdown: (UV) Universal), '* Desired Symbolic Name (short):' (text field: jd-ORtesting), '* Full Name for Object (Title):' (text field: John's Testing Object for OID Registration Study), and 'Description of the Object identified by the OID (Be as comprehensive as you wish):' (text area: This is a test entry for illustration of data entry for OID creation in the HL7 OID Registry).



All Done Registering!



OID
REGISTRY

HL7 Object Identifier (OID) Registry

Dear John Doe,

You have now registered the following OID:

OID

2.16.840.1.113883.3.6965

OID Key

94cf6472-f201-40d0-bb04-760350370f84

Please record this for future reference. You will need both the OID and the OID Key to edit your entry.

A confirmation email has been sent with the details of your registration.

[Back to Start](#)

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After all data entry is complete, after you click on 'Continue', you see the registration confirmation page.

This has your OID and your OID Key value. Please save these.

You Will Receive Confirmation Email

- A confirmation of the registration is sent by email
- It is sent to the Submitter and the Contact Person email addresses
- It contains the OID value and the OID Key, which are needed to edit any data that was entered incorrectly or changes later. Please save this email!
- It also contains all of the data entered in every field (in XML format). Please review this for accuracy.
- Each entry is manually reviewed and approved within a few days. If there are problems, the Contact Person and/or Submitter will be emailed

Oidregistry@HL7.org

To: somebody@someemail.com Cc: Kci

Reply-To: Oidregistry@HL7.org

New OID Request from John Doe

Dear John Doe,

You have now registered the following OID:

OID
2.16.840.1.113883.3.6965

OID Key
94cf6472-f201-40d0-bb04-760350370f84

Information entered by
William Ted Klein

Please record this for future reference; you will need both the OID and the OID Key to edit your entry.

You can also edit your OID using the following link:

http://www.hl7.org/oid/index.cfm?Comp_OID=2.16.840.1.113883.3.6965&OID_Key=94cf6472-f201-40d0-bb04-760350370f84

The HL7 OID Registry entry will contain the following data:

```
<OID_root>
  <OID_key>94cf6472-f201-40d0-bb04-760350370f84</OID_key>
  <ISO_Root>2.16.840.1.113883</ISO_Root>
  <OICO1>3</OICO1>
  <OID_suffix>6965</OID_suffix>
  <comp_OID>2.16.840.1.113883.3.6965</comp_OID>
  <AA_OID></AA_OID>
  <AA_description></AA_description>
  <CodingSystemName>John's Testing Object for OID Registration Study</CodingSystemName>
  <Symbolic_name>jd-ORtesting</Symbolic_name>
  <Object_description>This is a test entry for illustration of data entry for OID creation in the HL7 OID Registry.</Object_description>
  <OID_type>3</OID_type>
  <External_OID_flag>Int</External_OID_flag>
  <externalOIDsubType></externalOIDsubType>
  <Contact_person_desc>John Doe</Contact_person_desc>
  <Resp_body_type>Provider</Resp_body_type>
  <Resp_body_oid></Resp_body_oid>
  <Resp_body_name>John Doe's Mysterious Company</Resp_body_name>
  <Resp_body_address>Some Street
Some Suite maybe
Somewheresville, MN 87654-1234
USA</Resp_body_address>
  <Resp_body_phone>+1 555-123-4567</Resp_body_phone>
  <Resp_body_email>maincompany@JohnsCompany.com</Resp_body_email>
  <Resp_body_URL>http://www.jdmcnrywhatever.com</Resp_body_URL>
  <Contact_person_address></Contact_person_address>
  <Contact_person_phone>+1 734-677-7777</Contact_person_phone>
  <Contact_person_email>somebody@someemail.com</Contact_person_email>
  <Contact_person_info>Chief Cook and Bottle Washer</Contact_person_info>
  <Date_began>2016-09-12 00:00:00.0</Date_began>
  <SubmitterFirst>William Ted</SubmitterFirst>
  <SubmitterLast>Klein</SubmitterLast>
  <Submitter2>Someone Else</Submitter2>
  <assignment_status>Pending</assignment_status>
  <Date_finalized></Date_finalized>
  <Entry_timestamp>2016-09-12 19:29:30.42</Entry_timestamp>
  <Submitter_email>kci@kclain.com</Submitter_email>
  <T396mnemonic></T396mnemonic>
  <Preferred_Realm>UV</Preferred_Realm>
</OID_root>
```

Next, an approval Confirmation Email

- After the OID is registered it is in a status pending review
- After review for completeness and other potential issues, it is approved by an administrator
- Upon approval, an email is sent to the contact person that it has been approved
- The email contains all of the data entered, as well as any corrections that may have been made if problems were found
- After this, the OID shows up in searches of the Registry
- Note that pending OIDs do not show up in default searches and output lists

Oidregistry@HL7.org

To: Kci, somebody@someemail.com

Reply-To: Oidregistry@HL7.org

OID 2.16.840.1.113883.3.6965 Complete

The following OID was marked as complete:

OID	OID Key	Edit
2.16.840.1.113883.3.6965	94cf6472-f201-40d0-bb04-760350370f84	Edit

The HL7 OID Registry entry contains the following data:

```
<OID_root>
  <OID_key>94cf6472-f201-40d0-bb04-760350370f84</OID_key>
  <ISO_Root>2.16.840.1.113883</ISO_Root>
  <OIC01>3</OIC01>
  <OID_suffix>6965</OID_suffix>
  <comp_OID>2.16.840.1.113883.3.6965</comp_OID>
  <replacedBy></replacedBy>
  <AA_OID></AA_OID>
  <AA_description></AA_description>
  <CodingSystemName>John's Testing Object for OID Registration Study</CodingSystemName>
  <Symbolic_name>jd-ORtesting</Symbolic_name>
  <Object_description>This is a test entry for illustration of data entry for OID creation
  <OID_type>3</OID_type>
  <External_OID_flag>Int</External_OID_flag>
  <Contact_person_desc>John Doe</Contact_person_desc>
  <Resp_body_type>Provider</Resp_body_type>
  <Resp_body_oid></Resp_body_oid>
  <Resp_body_name>John Doe's Mysterious Company</Resp_body_name>
  <Resp_body_address>Some Street
Some Suite maybe
Somewheresville, MN 87654-1234
USA</Resp_body_address>
  <Resp_body_phone>+1 555-123-4567</Resp_body_phone>
  <Resp_body_email>maincompany@JohnsCompany.com</Resp_body_email>
  <Resp_body_URL>http://www.idmcnywhatever.com</Resp_body_URL>
  <Contact_person_address></Contact_person_address>
  <Contact_person_phone>+1 734-677-7777</Contact_person_phone>
  <Contact_person_email>somebody@someemail.com</Contact_person_email>
  <Contact_person_info>Chief Cook and Bottle Washer</Contact_person_info>
  <Date_began>2016-09-12 00:00:00.0</Date_began>
  <SubmitterFirst>William Ted</SubmitterFirst>
  <SubmitterLast>Klein</SubmitterLast>
  <Submitter2>Someone Else</Submitter2>
  <assignment_status>Complete</assignment_status>
  <Date_finalized>2016-09-12 00:00:00.0</Date_finalized>
  <Entry_timestamp>2016-09-12 19:37:47.64</Entry_timestamp>
  <Submitter_email>kci@tklein.com</Submitter_email>
  <T396mnemonic></T396mnemonic>
  <Preferred_Realm>UV</Preferred_Realm>
</OID_root>
```


Editing the Data of an Entry

- OLD Data may change over time
 - Organizations change names
 - Contact Persons/Responsible Bodies change jobs, titles, phone numbers, email addresses
 - Other data may change as well
- Some data may have been entered incorrectly and needs to be fixed
 - Issues found on approval review will trigger an email request to be corrected
- Use the 'Edit My OLD Data' function on the main OLD Registry Home Page

Edit Your OID Entry Data

Edit OID data from the lower left pane

Enter the OID and the OID Key, then click on 'Edit OID'

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Symbolic Name: ?
Description: ?
Full Name for Object: ?
Find OID

Edit My OID Entry
Enter your OID: ?
2.16.840.1.113883.3.6970
Enter your OID Key: ?
cb97b361-abf5-4a83-8b24-e2bf34b55
Edit OID
Email OID Key
Enter your Email Address: ?
Email OID Keys



[Admin Login](#)

[Obtain or Register an OID](#)



Effective January 5, 2015, all OID registrations are \$100* each

*OIDs are non-refundable.

Introduction for the HL7 Object Identifier (OID) Registry

ISO Object Identifier (OID) Definition:

An OID is a globally unique ISO ([International Organization for Standardization](#)) identifier. There are multiple ways that this identifier may be represented, and HL7 has chosen to represent OID registered here and used in HL7 models using a form that consists only of numbers and dots (e.g., "2.16.840.1.113883.3.1"). OIDs are paths in a tree structure, with the left-most number representing the root and the right-most number representing a leaf.

Each OID is created by a Registration Authority. Each of these authorities may, in turn, delegate assignment of new OIDs under it to other registration authorities that work under its auspices, and so on down the line. Eventually, one of these authorities assigns a unique (to it) number that corresponds to a leaf node on the tree. The leaf may represent a registration authority (in which case the OID identifies the authority), or an instance of an object. A registration authority owns the namespace consisting of its sub-tree.

OIDs are a preferred scheme for unique identifiers in HL7. OIDs should always be used except if one of the inclusion criteria for other schemes apply. HL7 Version 3 models use OIDs to identify coding schemes and identifier namespaces. OIDs can be allocated by any organization using a unique OID root. A single message can use OIDs from various sources and a single scheme can be identified by more than one OID (e.g. by an OID from more than one organization). Once issued, an OID is never withdrawn and always identifies the same scheme or object.

As with all identification systems there is not much point having identifiers if you don't know what they represent and vice versa - hence identification systems generally require a registry. This HL7 OID registry serves that purpose for the HL7 community.

HL7-Assigned OIDs

HL7 has established this OID registry and assigns OIDs in its branch for HL7 users and vendors upon their request in its role as an ISO Registration Authority. HL7 also assigns OIDs to public identifier-

HL7 OID Resources

[V2 Global Message Profile Library](#)
[Submit 2.x Global Message Profile](#)
[OID Registry FAQ Wiki](#)

OID Registry Help

For general OID Registry questions, please email OIDRegistry@HL7.org
For questions related to the purchase of OID coupons, please email webmaster@HL7.org

Other OID Resources

[The General International OID Registry](#)
[OID Repository Frequently Asked Questions](#)

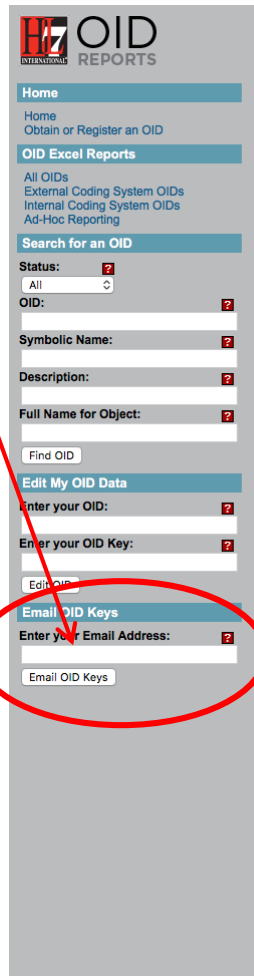
What if I lost my OID Key?

- OID keys are sometimes lost
 - Contact Persons and Submitters may have left the company
- You can retrieve the OID keys with the email address of the contact person or original submitter
- If neither person is with the company and the email addresses are no longer valid, then you must contact the OID administrator to manually locate the security key

Retrieve Your OID Keys

Enter the email address of the Submitter or Contact Person

Click on 'Email OID Keys' and a list of all the OIDs and their OID Keys associated with that email address will be sent



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Description: ?
Full Name for Object: ?
Find OID
Edit My OID Data
Enter your OID: ?
Enter your OID Key: ?
Edit OID
Email OID Keys
Enter your Email Address: ?
Email OID Keys



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Each OID is created by a Registration Authority. Each of these authorities may, in turn, delegate assignment of new OIDs under it to other registration authorities that work under its auspices, and so on down the line. Eventually, one of these authorities assigns a unique (to it) number that corresponds to a leaf node on the tree. The leaf may represent a registration authority (in which case the OID identifies the authority), or an instance of an object. A registration authority owns the namespace consisting of its sub-tree.

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HL7-Assigned OIDs

HL7 has established this OID registry and assigns OIDs in its branch for HL7 users and vendors upon their request in its role as an ISO Registration Authority. HL7 also assigns OIDs to public identifier-assigning authorities both U.S. nationally (e.g., the U.S. State driver license bureaus, U.S. Social Security Administration, HIPAA Provider ID registry, etc.) and internationally (e.g., other countries

HL7 OID Resources

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Other OID Resources

[The General International OID Registry](#)
[OID Repository Frequently Asked Questions](#)
[Norway's Harald Alvestrand site about Object Identifiers](#)

The Edit Screen

- The Edit Screen contains all the data entered during registration
- Almost all fields can be modified
 - Cannot change Submitter information
 - Cannot change the OID value, Status, or Type
 - For any of these, you must do a new registration or contact the administrator
- Put your cursor in any field whose data must be updated
- Type in the new information

HL7 INTERNATIONAL **OID REGISTRY** HL7 Object Identifier (OID) Registry

Submitter Information

* First Name: William Ted
 * Last Name: Klein
 * Email: kci@tklein.com
 2nd Submitter: Someone Else

Contact Information

Contact for Information about this Entry

* Name: John Doe
 * Phone: +1 734-677-7777
 * Email: somebody@someemail.com
 Title/Role: Chief Cook and Bottle Washer

Address:

Responsible Body

Body Responsible for Object Being Identified with an OID

* Name: John Doe's Mysterious Company
 * Phone: (+ Phone not published)
 +1 555-123-4567
 * Email: maincompany@JohnsCompany.com
 URL: http://www.jdmcywhatever.com
 Responsible Body OID:

* Address: (Address not published)
 Some Street
 Some Suite maybe
 Somewheresville, MN 87654-1234

* Type: Provider

Internal or External OID

OID Information

Internal OID

Composite OID / GUID: 2.16.840.1.113883.3.6970
 Replace By OID:

OID Status: (OID review is complete)
 OID Type: (3 - Root to be a Registration Authority)
 V2.x Linkage:
 Assigning/Registration Authority:

External OID SubType

Preferred Realm: (UV) Universal
 * Desired Symbolic Name (short): jd-ORtesting

* Full Name for Object (Title): John's Testing Object for OID Registration Study

Entry Timestamp: 2016-09-16 13:31:13.037

Description of the Object Identified by the OID (Be as comprehensive as you wish):
 This is a test entry for illustration of data entry for OID creation in the HL7 OID Registry.

Update Information

Save The Changes

- After you have changed any data that needs updating, you must save the entry
- If you wish to abandon the edit session and discard your changes, click on the HL7 logo or the 'Home' link in the upper left
- Click on 'Update Information' to save your changes

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Description: [?] [v]
Full Name for Object: [?] [v]
Find OID

Edit My OID Data

Enter your OID: [?] [2.16.840.1.113883.3.6970]
Enter your OID Key: [?] [cb97b361-abf5-4a83-8b24-e2bf34b55]
Edit OID

Email OID Keys

Enter your Email Address: [?] [v]
Email OID Keys

HL7 INTERNATIONAL REGISTRY

HL7 Object Identifier (OID) Registry

Submitter Information

* First Name: [?] [William Ted]
* Last Name: [?] [Klein]
* Email: [?] [kci@rklein.com]
2nd Submitter: [?] [Someone Else]

Contact Information

Contact for Information about this Entry

* Name: [?] [Jane Doe]
* Phone: [?] [+1 734-677-7777]
* Email: [?] [somebody@someemail.com]
Title/Role: [?] [John Doe Clean Up After-er]

Responsible Body

Body Responsible for Object Being Identified with an OID

* Name: [?] [Jane Doe's New Company]
* Phone: [?] [Phone not published]
+1 555-123-4567
* Email: [?] [maincompany@JohnsCompany.com]
URL: [?] [http://www.jdmcywhatever.com]
Responsible Body OID: [v]

* Address: [?] [Address not published]
Some new address in some other city and zip code

* Type: [?] [Provider]

Internal or External OID

Internal OID

OID Information

Composite OID / GUID: [?] [2.16.840.1.113883.3.6970]
Replace By OID: [?] [v]
OID Status: [?] [OID review is complete]
OID Type: [?] [3 - Root to be a Registration Authority]
V2.x Linkage [?] [v]
Assigning/Registration Authority: [?] [v]
* Full Name for Object (Title): [?] [John's Testing Object for OID Registration Study]
Entry Timestamp: [?] [2016-09-16 13:45:03.707]
Description of the Object identified by the OID (Be as comprehensive as you wish): [?] [This is a test entry for illustration of data entry for OID creation in the HL7 OID Registry.]

External OID SubType [v]
Preferred Realm: [?] [(UV) Universal]
* Desired Symbolic Name (short): [?] [jd-OR-testing]

Update Information

Saved Changes Confirmation



HL7 Object Identifier (OID) Registry

The OID has been updated.

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- After clicking on 'Update Information' you will see the confirmation screen above
- If there are any problems or issues, they will be reported on this screen
- That is all there is to it!

Getting Help and Information

- There is a FAQ for the HL7 OID Registry

- URL:

http://wiki.hl7.org/index.php?title=HL7_OID_Registry_Frequently_Asked_Questions

- Click on any topic for a description/explanation of it

HL7 OID Registry Frequently Asked Questions

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- 1 Does HL7 register or assign OIDs for free?
- 2 I already have an OID, does HL7 have to assign a new one?
- 3 Can you update the information in the registry for me if it changes later?
- 4 What does the radio button selection 'Internal' vs. 'External' mean?
- 5 What is the limit on length of an OID?
- 6 Somebody told me I need an OID for my Organization. What do I do?
- 7 I'm working with eMeasures and the MAT and it says I need an OID, can you help?
- 8 Is there a limit to the size of the integers in each clause of the OID?
- 9 What is the Symbolic Name?
- 10 Why can't I use one of the other legal ISO representations for an OID?
- 11 I have no idea what Type I should select for my OID
- 12 How do I assign my own OIDs?
- 13 How should I structure the OIDs that I assign underneath my root?
- 14 I have an OID for a coding system. Can I assign OIDs under that node for other objects related to my coding system?
- 15 Can I use my root OID to identify my organization?
- 16 What are the standards that define OIDs?
- 17 The Contact Person has left the company. How do I update the information in the OID Registry entry for my OID?
- 18 I cannot find the OID Key - it seems to have been lost. How can I edit my OID entry?
- 19 Why is the status of my OID still 'Pending'?
- 20 What type should I select for the Responsible Body?
- 21 What are these OID things used for in HL7?
- 22 Are the email addresses distributed?
- 23 Links to HL7 Affiliate OID Registries

Additional Reference Materials

- A Whitepaper that describes how to setup your own tree of OIDs is also available:

http://www.hl7.org/implement/standards/product_brief.cfm?product_id=210

- If all else fails, a request for assistance can be made using email links on the OID Registry web page
 - It may be some time before someone gets back to you on such requests

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