




















## Catalogs : Help

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To accommodate a  **service** that provides an extensive collection of  **cataloged symbols** for importing into  **repositories**,  **catalogers** and their  **catalog apps** need to be profiled, registered and monitored via automated auditing within the  **platform** to securely facilitate the below mentioned

### Send Symbol Catalog

Facilitates the  sending of production ready commercial quality  symbols from the freely available  symbol catalogs available in the  web portal to a  catalog library existing in a  repository.  Symbols are  requested by submitting a URL containing a  zip archive of  SVG or  BMP. The **symbol catalog** contains over ± 50 000  symbols (in a path format) which are graphics of various things covering a vast range of  subject matter like technology, commerce and nature ... constantly being extended by  catalogers using  cataloger apps to either  parse  SVG or  trace  BMP.



The screenshot shows the 'Send Catalog Symbols' interface. It includes a 'Repository' dropdown set to 'Repo 3', a 'Symbol' field with 'tel-57', 'KB' of '3.494', and a 'Ratio' of '1.00'. The 'Send To' dropdown is set to 'telephone', with a red arrow pointing to it labeled '4 Library'. The 'Platform Catalog' dropdown is set to 'Technology', and the 'Catalog Library' dropdown is set to 'telephone'. A central area displays a large icon of a telephone handset. Below this is a 'Repositories' table with columns 'Org', 'Role', 'Repository', 'History', and 'Channel'. The table lists three entries for 'Symbology' with roles represented by icons, and 'Repo 3' is highlighted. A red arrow points to 'Repo 3' labeled '3 Reository'. To the right, a table lists symbols with columns 'Icon', 'KB', and 'Symbol'. The symbols are 'tel-56', 'tel-57', and 'tel-58'. Red arrows point to 'tel-56' labeled '2 Library', 'tel-57' labeled '1 Catalog', and 'tel-58' labeled '5 Add'. The interface also includes navigation controls like '1 of 1' and '1 of 2' with arrows.

Whenever  **symbols** are sent to a  **repository** from the admin  **web portal** view as per above the  **sending** action gets logged on the  **platform**. In this manner the  **platform** has statistical data to assist in  **decision making** with regards to extending the  **catalogs** through the assistance of our  **catalogers**. The send  history can be utilized by both an administrator and the repository users to assist in any issue regarding the sending of symbols.

Send History Search

Repo : Repository

User : By User

Catalog : Catalogs

From :

To :

🔍

Symbol Send History

(1 of 3)
1
2
3

Batch Sent	Org	From Catalog	Symbols	To Repository	To Library	By User
2021-09-01 03:47	Symbology	technology	5	Symbology Demo	technology	picasso
2021-09-01 03:56	Symbology	commerce	3	Symbology Demo	commerce	picasso
2021-09-02 02:54	Symbology	domestic	4	Symbology Demo	domestic	picasso
2021-09-02 03:10	Symbology	vehicle	4	Symbology Demo	vehicle	picasso
2021-09-02 05:34	Symbology	catering	6	Symbology Demo	catering	picasso
2021-09-03 06:32	Symbology	medical	3	Symbology Demo	medical	picasso
2021-09-03 07:17	Symbology	office	3	Symbology Demo	office	picasso

(1 of 3)
1
2
3

The creation of  symbols can be requested by the  catalog admin or any  repository user that can provide the preliminary  SVG or  Image files for processing. Only ideal  SVG or  Image files will be processed without any kind of editing. For the good of the  community all of the processed  symbols are automatically made available to all  repositories on the  platform without express permission from a party providing those  symbols



**Catalog Request**

Repository :  Repository  Status : ? Status  From :  To :

**Catalog Requests**










(1 of 1)

Created	Updated	Status	Description	URL
2021-12-20	2021-12-22	Outstanding	My Icons at google	<a href="https://www.google.com/drive/">https://www.google.com/drive/</a>
2021-12-20	2021-12-22	Info Needed	My Icons at microsoft	<a href="https://www.microsoft.com/en-us/microsoft-365/onedrive/online-cloud-storage">https://www.microsoft.com/en-us/microsoft-365/onedrive/online-cloud-storage</a>
2021-12-20	2021-12-22	In Progress	My Icons at dropbox	<a href="https://www.dropbox.com/">https://www.dropbox.com/</a>
2021-12-21	2021-12-22	Completed	My Icons at apple	<a href="https://www.icloud.com/">https://www.icloud.com/</a>

(1 of 1)

Repo :  Repository  Description :  Url :

## Assign Catalog Requests

The catalog  administrators can assign the  symbol catalog  requests to the  catalogers through this view where the progress can also be monitored. The  repository users  requesting  symbols can also view the progress in the repository console within the admin  web portal on the  platform.

















**Assign Catalog Requests**

(1 of 2)

Created	Updated	Status	User	Description	URL
2021-12-20	2021-12-22	Outstanding	<input type="text" value="picasso"/>	My Icons at google	<a href="https://www.google.com/drive/">https://www.google.com/drive/</a>
2021-12-20	2021-12-22	Info Needed	<input type="text" value="warhol"/>	My Icons at microsoft	<a href="https://www.microsoft.com/en-us/microsoft-365/onedrive/online-cloud-storage">https://www.microsoft.com/en-us/microsoft-365/onedrive/online-cloud-storage</a>
2021-12-20	2021-12-22	In Progress	<input type="text" value="dali"/>	My Icons at dropbox	<a href="https://www.dropbox.com/">https://www.dropbox.com/</a>
2021-12-21	2021-12-22	Completed	<input type="text" value="2 Assign"/>	My Icons at apple	<a href="https://www.icloud.com/">https://www.icloud.com/</a>

(1 of 2)



The  catalog generator is only accessible by the catalog  administrator that has the required permissions on the  platform to create  catalogs. After validating to see that the  catalog does not already exist it will generate 3 tables that collectively constitute the symbol  catalog as a single unit within the catalog registry. A single  catalog table has the capacity to hold up to 2 Gigs of data. When the average symbol size is estimated at  $\pm 5$  KB, a maximum of  $\pm 400\,000$   symbols can be stored. All database table record relationships are enforced with primary and foreign  keys for optimal access  performance and referential integrity as per standard database design practices. This gives the  platform the capacity to store an extensive collection of  catalogs with specialized symbol categories. By the means of this  process there is no need to access the database manually to extend the  catalogs in a secure manner

Catalog Generator

Catalog :

catalog name

Library Exists :

Symbols Exists :

Staging Exists :

Validate

Clear

Create

```
CREATE TABLE `cat_@_lib` (
  `id` int NOT NULL AUTO_INCREMENT,
  `created` datetime DEFAULT NULL,
  `name` varchar(45) DEFAULT NULL,
  `symbols` int DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
CREATE TABLE `cat_@_symbol` (
  `id` int NOT NULL AUTO_INCREMENT,
  `created` datetime DEFAULT NULL,
  `importtype_id` tinyint NOT NULL,
  `symbollibrary_id` int DEFAULT NULL,
  `name` varchar(45) DEFAULT NULL,
  `keyWord` varchar(45) DEFAULT NULL,
  `bytes` int DEFAULT NULL,
  `width` int DEFAULT NULL,
  `height` int DEFAULT NULL,
  `pictogram` tinyint DEFAULT NULL,
  `path` text,
  `paths` int DEFAULT NULL,
  `x` int DEFAULT NULL,
  `y` int DEFAULT NULL,
  PRIMARY KEY (`id`),
  KEY `cat_@_symbollib_idx` (`symbollibrary_id`),
  KEY `cat_@_imptype_idx` (`importtype_id`),
  CONSTRAINT `cat_@_symbol_imptype` FOREIGN KEY (`importtype_id`) REFERENCES `sys_importtype` (`id`),
  CONSTRAINT `cat_@_symbollib` FOREIGN KEY (`symbollibrary_id`) REFERENCES `cat_@_lib` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

For Display Purposes Only




```
CREATE TABLE `cat_@_symbolstage` (
  `id` int NOT NULL AUTO_INCREMENT,
  `created` datetime DEFAULT NULL,
  `importtype_id` tinyint NOT NULL,
  `symbollibrary_id` int DEFAULT NULL,
  `name` varchar(45) DEFAULT NULL,
  `keyWord` varchar(45) DEFAULT NULL,
  `bytes` int DEFAULT NULL,
  `width` int DEFAULT NULL,
  `height` int DEFAULT NULL,
  `pictogram` tinyint DEFAULT NULL,
  `path` text,
  `paths` int DEFAULT NULL,
  `x` int DEFAULT NULL,
  `y` int DEFAULT NULL,
  PRIMARY KEY (`id`),
  KEY `cat_@_stagelib_idx` (`symbollibrary_id`),
  KEY `cat_@_stage_imptype_idx` (`importtype_id`),
  CONSTRAINT `cat_@_stage_imptype` FOREIGN KEY (`importtype_id`) REFERENCES `sys_importtype` (`id`),
  CONSTRAINT `cat_@_stagelib` FOREIGN KEY (`symbollibrary_id`) REFERENCES `cat_@_lib` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

1 Validate

2 Create

The  cataloger registry facilitates the containment and building of the  cataloger apps that are to be utilized by the  catalogers within the scope of the  platform to create  symbols. The  cataloger apps can also be  downloaded from here as well as from their  my user view in the  web portal.

Catalog App Search


Cataloger User :  Catalog User
Username : 
App Key : 

100%

Build Progress

Catalog Application Registry

(1 of 1)

Application Key	Affiliation	Username	E-mail	Built	Downloaded	DLS	DL	Generate
<a href="#">21078981-9ad9-4f1e-993e-716c8046c22e</a>	Symbology	picasso	picasso@symbology.net	2021-09-29 13:46	0	0		 Run
<a href="#">ef560ff7-b659-407e-8c27-958acb5f0492</a>	Symbology	warhol	warhol@symbology.net	2021-08-09 07:48	0	0		 Run

(1 of 1)

Download Cataloger App

Every occurrence of  downloading a  users  cataloger app is recorded into the  downloads registry in order to ascertain if a  user has already tried to download their  cataloger app from their  my user view in the  web portal and which catalog  administrators may have  downloaded it as well.

Download Search

Org :  Symbology
From :  2021-12-20
To :  2021-12-27

 Search

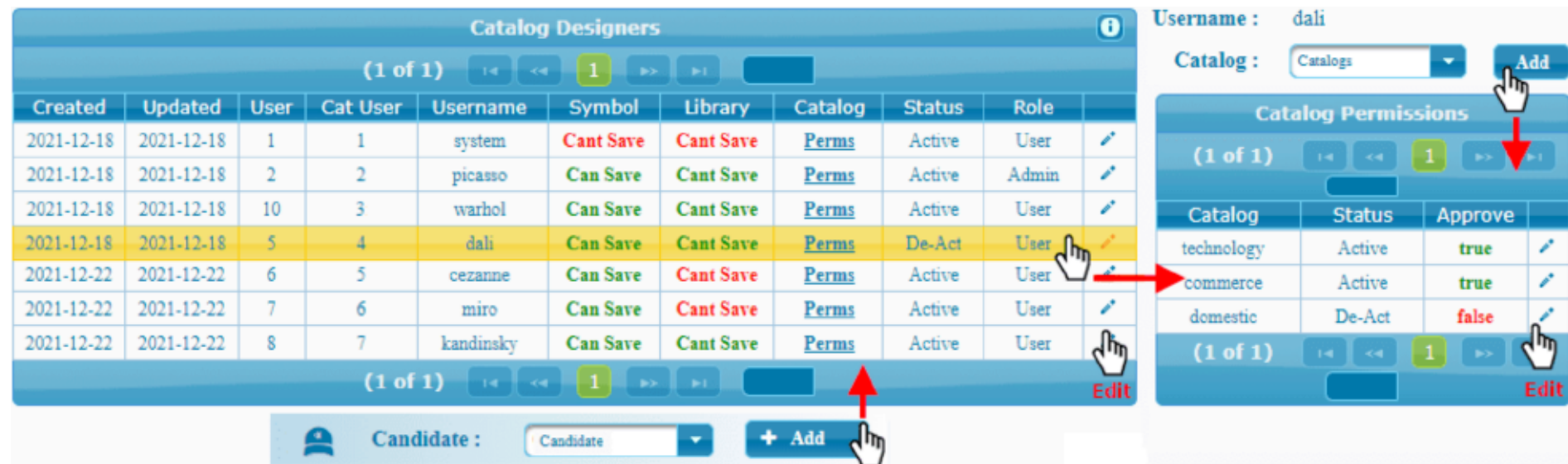
Download History

(1 of 1)

Downloaded	Organization	For User	E-Mail	*	App Key	By User
2021-12-27 09:36	<a href="#">Symbology</a>	<a href="#">picasso</a>	picasso@symbology.net		57cd3b77-39d6-489d-8e9b-20caf4b98c89	picasso
2021-12-27 09:37	<a href="#">Symbology</a>	<a href="#">dali</a>	dali@symbology.net		21c222e1-c53e-4061-ad97-9d32dae5aedef	picasso

(1 of 1)

The  catalogs permissions console is only accessible by the catalog  administrators that have all the required permissions to give  catalogers access to  catalogs and also the specific  functionality that they may execute on the given  catalogs. A catalog  admin would have the  approval permission




**Catalog Designers**

Created	Updated	User	Cat User	Username	Symbol	Library	Catalog	Status	Role
2021-12-18	2021-12-18	1	1	system	Cant Save	Cant Save	<a href="#">Perms</a>	Active	User
2021-12-18	2021-12-18	2	2	picasso	Can Save	Cant Save	<a href="#">Perms</a>	Active	Admin
2021-12-18	2021-12-18	10	3	warhol	Can Save	Cant Save	<a href="#">Perms</a>	Active	User
2021-12-18	2021-12-18	5	4	dali	Can Save	Cant Save	<a href="#">Perms</a>	De-Act	User
2021-12-22	2021-12-22	6	5	cezanne	Can Save	Cant Save	<a href="#">Perms</a>	Active	User
2021-12-22	2021-12-22	7	6	miro	Can Save	Cant Save	<a href="#">Perms</a>	Active	User
2021-12-22	2021-12-22	8	7	kandinsky	Can Save	Cant Save	<a href="#">Perms</a>	Active	User

**Catalog Permissions**

Catalog	Status	Approve
technology	Active	true
commerce	Active	true
domestic	De-Act	false

**Candidate :**  [+ Add](#)

For  security and administrative purposes an  audit of changing permissions is kept and can be accessed from the admin  history view to monitor all of the catalog permission changes on the  platform. All  administrators can access this view in order to resolve possible permission issues in the  catalogs.

















**Catalog Admin Search**

From :  To :  [Search](#)

**Catalog Admin History**

Created	By User	For User	Catalog	Action
2021-12-18 13:42	picasso	picasso	technology	Create Catalog
2021-12-18 13:45	picasso	dali	None	Create User
2021-12-18 13:48	picasso	dali	None	Update User
2021-12-18 13:48	picasso	dali	technology	Create Perm
2021-12-18 13:49	picasso	dali	technology	Update Perm



The profiling and registration of  trusted workstations to be assigned to a  user account, is an additional  security measure that  validates a workstation profile on the occurrence of a user  login. If the workstation for that  login attempt does not correlate with that of the trusted profile, the login is denied and the  user is alerted with the nature of the  non compliance. The  login failure is then logged into the failed logins register for aiding in an investigation to detect if a  user account is being compromised. This is an additional layer that an intruder will have to contend with when trying to compromise an  account. Only a catalog  administrator has the correct permissions for access to this view as they are the  individuals responsible for granting the  catalog access to

Bypass Workstation Trust

(1 of 1)

Created	Updated	User	E-Mail	Role	Name	Surname	Language	Bypass
2020-05-18 07:24	2021-12-18 13:28	dali	dali@symbology.net	Catalog Admin	Salvador	Dali	Spanish Castilian	
2020-05-18 07:21	2021-12-14 13:34	picasso	picasso@symbology.net	Super Admin	Pablo	Picasso	English	

(1 of 1)

1 Bypass

Trusted Workstations

(1 of 1)

Created	Updated	Username	Public IP	Private IP	OS User	OS Vendor	OS Ver	OS Java	Scr Res	Active	Delete
2021-12-12 11:24	2021-12-12 11:27	<a href="#">picasso</a>	127.0.0.1	10.0.0.103	Temujinp	Windows 10	10.0	1.8.0_301	1080		
2021-12-18 11:57	2021-12-18 11:57	<a href="#">dali</a>	127.0.0.1	10.0.0.100	Temujinp	Windows 10	10.0	1.8.0_301	1080		

(1 of 1)

4 Activate

Workstation Login Search

User :

From : 2021-12-14 To : 2021-12-15

Search






2 Locate

(1 of 1)

Login	Username	Public IP	Private IP	OS User	OS Vendor	OS Version	OS Java	Scr Res	Trust
2021-12-14 17:42	picasso	127.0.0.1	10.0.0.103	temujinp	Windows 10	10.0	1.8.0_301	96	
2021-12-15 12:10	picasso	127.0.0.1	10.0.0.103	temujinp	Windows 10	10.0	1.8.0_301	96	

(1 of 1)

3 Trust

In-Trays facilitate a containment and administrative mechanism controlling allocation and monitoring of  work loads in the scope of catalogs in the platform.  Administrators maintain  task and  note definition and assignment here but  catalogers can only change a notes status or add notes to their  in-tray.

Cataloger : In-Trays

(1 of 1)

Created	Updated	Username	In-Tray	Definition
2021-08-09 07:44	2021-08-09 07:44	system	<a href="#">Intray system</a>	Instructions for creation and maintenance of Symbol Catalogs
2021-08-09 07:44	2021-12-16 13:42	picasso	<a href="#">Intray picasso</a>	Instructions for creation and maintenance of Symbol Catalogs
2021-12-18 10:43	2021-12-18 10:43	dali	<a href="#">Intray dali</a>	Instructions for creation and maintenance of Symbol Catalogs

In-Tray Tasks

(1 of 1)

Created	Updated	Expected	Intray	Priority	Status	Catalog	Name	Notes	Edit
2021-12-10	2021-12-10	2021-01-31	picasso	Major	In Progress	technology	Create catalog technology	<a href="#">Notes</a>	<a href="#">Edit</a>
2021-12-10	2021-12-10	2021-01-31	picasso	Major	In Progress	commerce	Create catalog commerce	<a href="#">Notes</a>	<a href="#">Edit</a>

Task Notes

(1 of 1)

Created	User	Note	Done	
2021-12-10 08:55	picasso	Create the symbol library AI and populate it with symbols	<input type="checkbox"/>	<a href="#">✎</a>
2021-12-10 09:02	picasso	Create the symbol library Camera and populate it with symbols	<input type="checkbox"/>	<a href="#">✎</a>

Note :

Add Note

Name :

Description :

Catalog :

(0) None

Expected :

Priority :

Minor

Status :

Planning

Intray :

Intray system

Assign Task



Catalogers can access their In-Tray in the web portals left navigator to change a notes status or add a note of their own to a particular task

**In-Tray Tasks**

(1 of 1)

Created	Updated	Expected	Intray	Priority	Status	Catalog	Name	Notes
2021-12-10	2021-12-10	2021-01-31	picasso	Major	In Progress	technology	Create catalog technology	Notes
2021-12-10	2021-12-10	2021-01-31	picasso	Major	In Progress	commerce	Create catalog commerce	

(1 of 1)

Open Dialog Box To Edit

Task : Create the catalog called technology

**Task Notes**

(1 of 1)

Created	User	Note	Done	Edit
2021-12-10 08:55	picasso	Create the symbol library AI and populate it with symbols	<input type="checkbox"/>	
2021-12-10 09:02	picasso	Create the symbol library Camera and populate it with symbols	<input type="checkbox"/>	

(1 of 1)

Note : Add Note

## Tasking History

All the tasking assignment activity of the catalog administrator and the catalogers activity in their In-Tray is recorded in an audit that is searchable.

**Tasking Session Search**












User : picasso From : 01-12-2021 To : 31-12-2021 Search

**Session Activity**

(1 of 1)

Created	Username	Activity	Tasking	Alias	Definition
2021-12-10 08:53	picasso	CREATE	Task	Create catalog technology	Create Task
2021-12-10 08:54	picasso	UPDATE	Task	Create catalog technology	Update Task

(1 of 1)

All the activity of a  user in a  cataloger app is also  audited to record a full change  history of all the  symbols and libraries that they edit or add. This is crucial to be able to monitor the progress of the catalogers  work load, as well as provide a record of  evidence if any liability for wrong doing on the  platform is to be proven. The audit records are fully  searchable by  session to access each individual occurrence of activity featuring by  date.

**Cataloger Session Search**

User :  pucasso From :  01-12-2021 To :  31-12-2021  Search

**Cataloger Session**

(1 of 1) 

Created	Session	Public IP	Private IP	OS User	OS Vendor	OS Ver	OS Java
2021-12-14 17:42:05	<a href="#">Session</a>	127.0.0.1	10.0.0.103	temujinp	Windows 10	10.0	1.8.0_301
2021-12-15 12:10:15	<a href="#">Session</a>	127.0.0.1	10.0.0.103	temujinp	Windows 10	10.0	1.8.0_301
2021-12-15 14:12:49	<a href="#">Session</a>	127.0.0.1	10.0.0.103	temujinp	Windows 10	10.0	1.8.0_301
2021-12-15 17:07:15	<a href="#">Session</a>	127.0.0.1	10.0.0.103	temujinp	Windows 10	10.0	1.8.0_301

(1 of 1) 

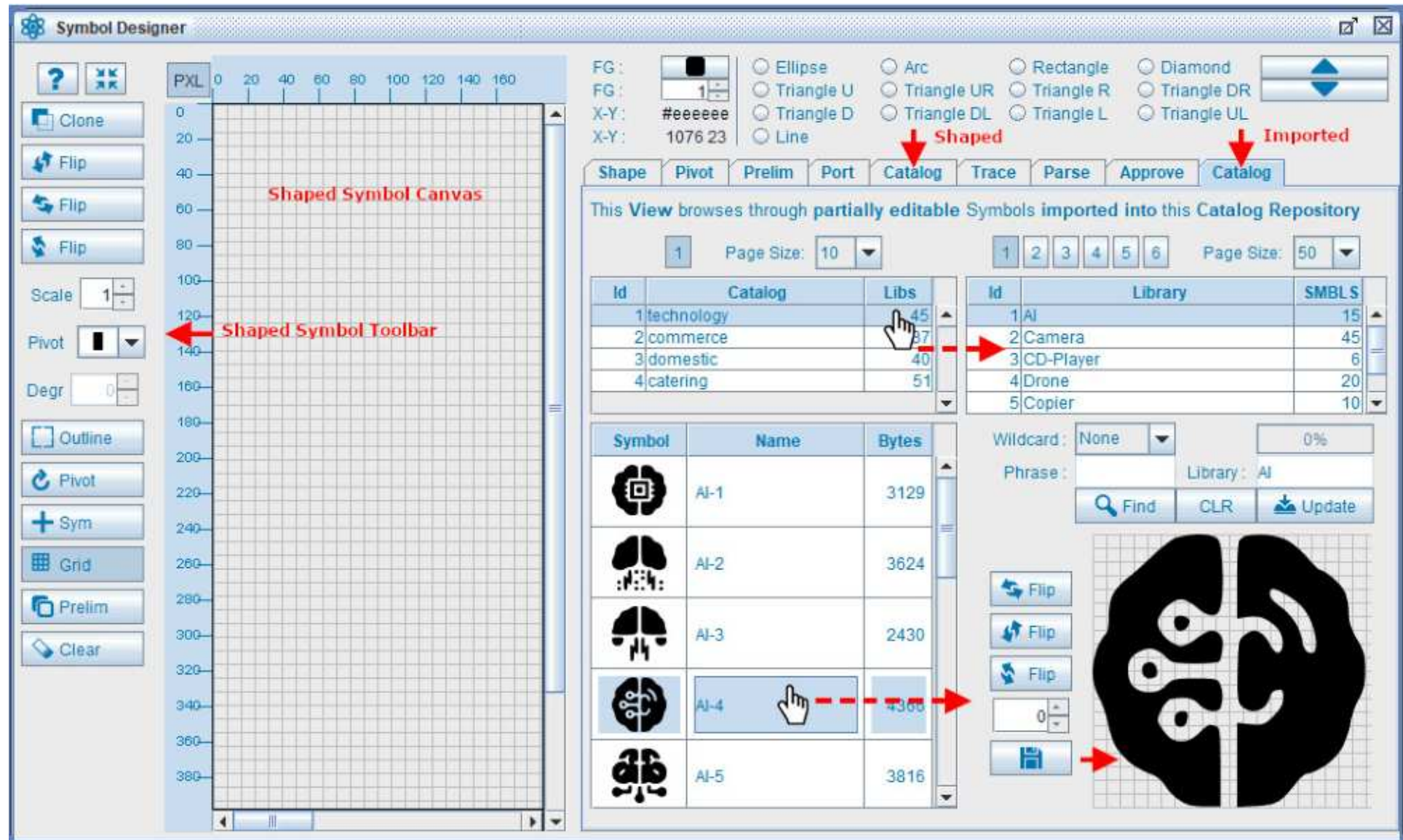
**Session Activity**

(1 of 6) 

Created	Activity	Count	Catalog	Name	Definition
2021-12-14 17:43:28	IMPORT	15	technology	AI	Import Traced Symbols
2021-12-14 17:43:31	APPROVE	15	technology	AI	Approve Import Symbols
2021-12-14 17:47:15	IMPORT	45	technology	Camera	Import Traced Symbols
2021-12-14 17:47:17	APPROVE	45	technology	Camera	Approve Import Symbols

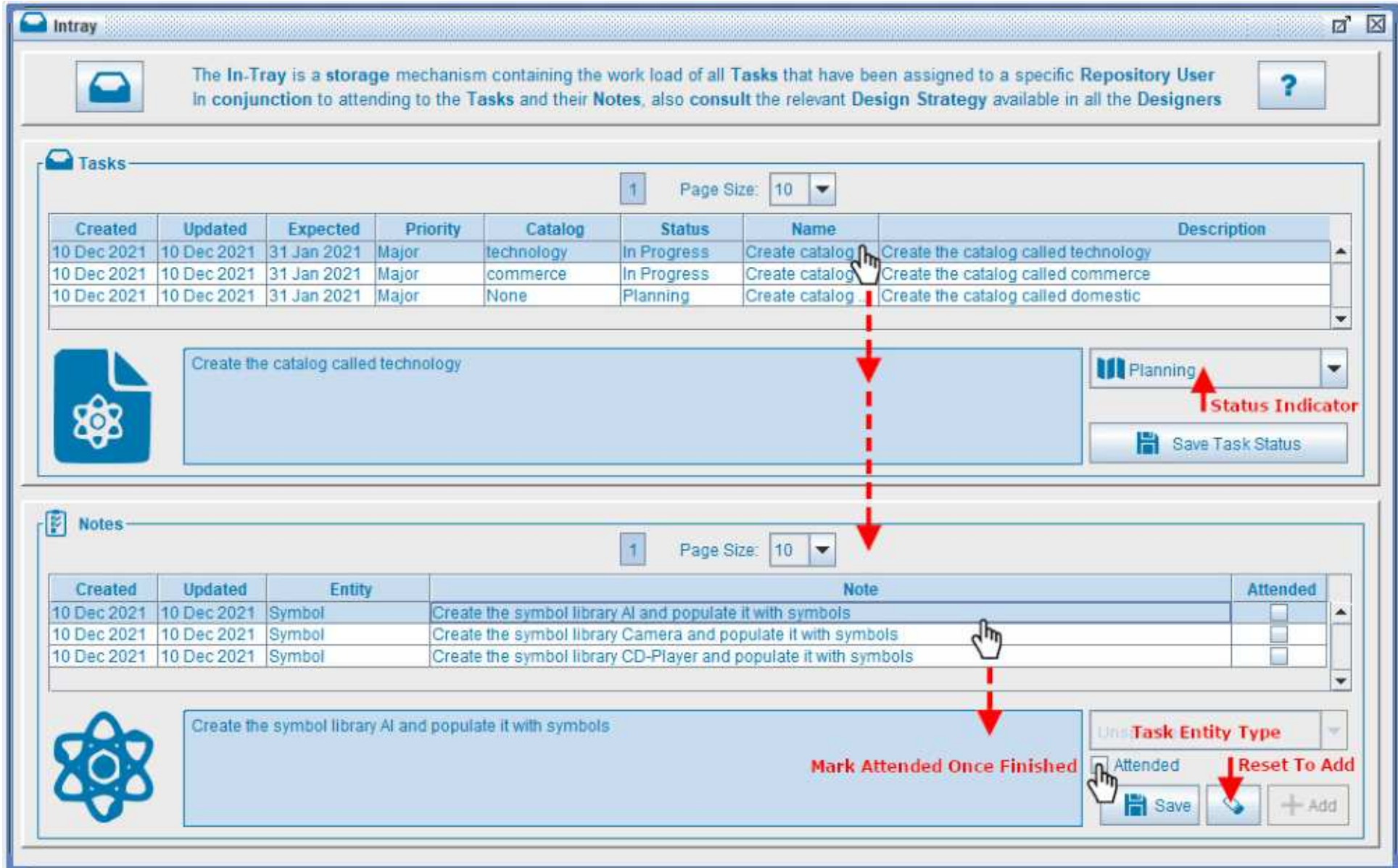
(1 of 6) 

The **cataloger app** is the utility facilitating the ability to be able to either **parse** the paths in **SVG** files or **trace** the shapes in black and white **BMPS**. Once paths are generated from the **SVG** or **BMP** files they are submitted for **approval** in the **review** process to release them into production from where they can be sent to any **repository**. **Catalogers** can access **catalogs** they have been given permission to in the afore mentioned cataloger screen.





The catalogers  **in-tray** is also accessible within the  cataloger app where they can mark  notes  attended as they complete items in their  work load.



The In-Tray is a storage mechanism containing the work load of all Tasks that have been assigned to a specific Repository User In conjunction to attending to the Tasks and their Notes, also consult the relevant Design Strategy available in all the Designers

### Tasks

Page Size: 10

Created	Updated	Expected	Priority	Catalog	Status	Name	Description
10 Dec 2021	10 Dec 2021	31 Jan 2021	Major	technology	In Progress	Create catalog	Create the catalog called technology
10 Dec 2021	10 Dec 2021	31 Jan 2021	Major	commerce	In Progress	Create catalog	Create the catalog called commerce
10 Dec 2021	10 Dec 2021	31 Jan 2021	Major	None	Planning	Create catalog	Create the catalog called domestic

Create the catalog called technology

Planning

Save Task Status

### Notes

Page Size: 10

Created	Updated	Entity	Note	Attended
10 Dec 2021	10 Dec 2021	Symbol	Create the symbol library AI and populate it with symbols	<input type="checkbox"/>
10 Dec 2021	10 Dec 2021	Symbol	Create the symbol library Camera and populate it with symbols	<input type="checkbox"/>
10 Dec 2021	10 Dec 2021	Symbol	Create the symbol library CD-Player and populate it with symbols	<input type="checkbox"/>

Create the symbol library AI and populate it with symbols

Mark Attended Once Finished

Task Entity Type

Attended

Save

Reset To Add

+

Add