

**KDRS**

Kommunearkivinstitusjonenes  
Digitale RessursSenter

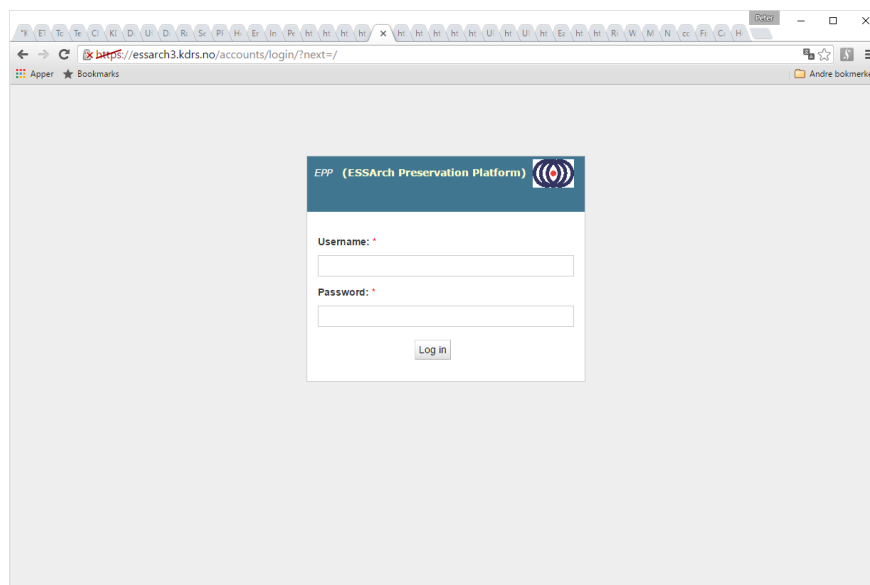
**KDRS digitalt depot**  
Del 4 – Arbeidsflyt ved deponering,  
forts.  
5. og 6. november 2019

# ESSArch Preservation Platform

I denne delen skal vi se på den videre arbeidsflyten rundt deponering, nemlig det som foregår i EPP – ESSArch Preservation Platform.



# ESSArch Preservation Platform



Testserverne, som vi bruker på kurset, har logo til KDRS.

Produksjonsservere skal ha logo til vedkommende arkivinstitusjon.

Regelverket i brannmuren vår skal forhindre at noen kommer i kontakt med feil server. Vi lever i en ufullkommen verden, der det hender at feil skjer.

Vennligst varsle dersom du skulle få opp feil server.

# EPP - Oppstartsside

EPP (ESSArch Preservation Platform) 2.7.2 - Status at 2016-05-30 15:46

**Processes:**

- SIPReceiver: 1
- SIPValidateANS: 1
- SIPValidateApproval: 1
- SIPValidateFormat: 1
- NIPCreator: 1
- NIPChecksum: 1
- NIPValidate: 1
- SIPRemove: 1
- NIPWriter: 1
- NIPPurge: 1
- TLD: 1
- ss\_syllic\_ia: 1
- ESSlogging: 1
- AccessEngine: 1
- FTPServer: 1

**Storage media overview**

Archive tapes online: None

Add new tapes starting with: None

Write tapes: None

Empty tapes: None

Error tapes: None

Ongoing requests: No uncompleted requests

**Proc logfile alarms:**

None



Båndhåndtering skjer på egne mediaservere i Oslo og Mo i Rana. Det er normalt at det ikke vises noen bånd på de vanlige EPP serverne.

Brukeradministrasjon for KDRS-tjenester er sentralisert, «Change passord» valget skal ikke lenger vises. Passordendring for alle KDRS-tjenester gjøres på egen nettside som vist i første del av kurset:

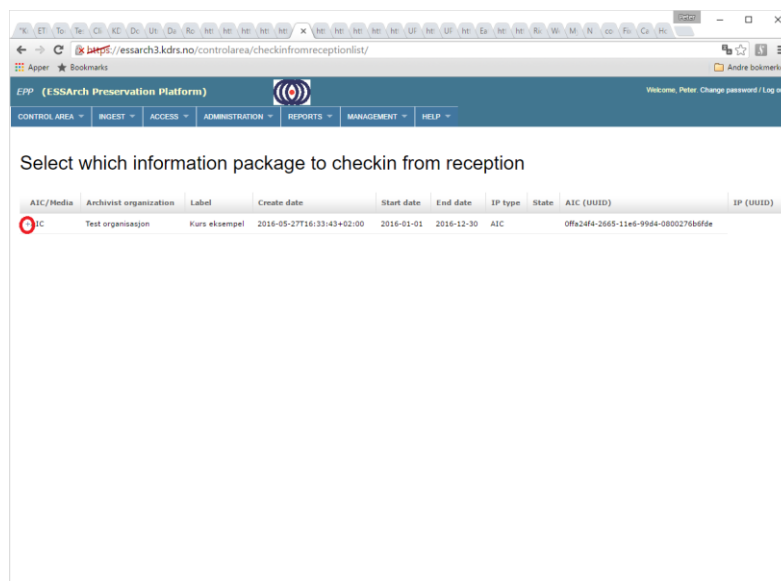
<https://pwm.kdrs.no/pwm/private/login>.

# EPP – Checkin from Reception

The screenshot shows the ESSArch Preservation Platform (EPP) interface. The top navigation bar includes 'CONTROL AREA', 'INGEST', 'ACCESS', 'ADMINISTRATION', 'REPORTS', 'MANAGEMENT', and 'HELP'. The 'CONTROL AREA' dropdown menu is open, and 'Checkin from Reception' is highlighted with a red circle. The main content area displays 'Arch Preservation Platform) 2.7.2 - Status at 2016-05-30 15:50'. The 'Storage media overview' section shows several status bars: 'Archive tapes online: None', 'Add new tapes starting with: None', 'Write tapes: None', 'Empty tapes: None', and 'Error tapes: None'. Below this, there is a table of ongoing requests with columns for 'User', 'Request purpose', 'Status', and 'Info'. The table shows 'No uncompleted requests'. At the bottom left, there is a section for 'Proc logfile alarms:' with a 'None' status bar. The URL 'https://essarch.kdrs.no/vertical' is visible at the bottom left of the browser window.

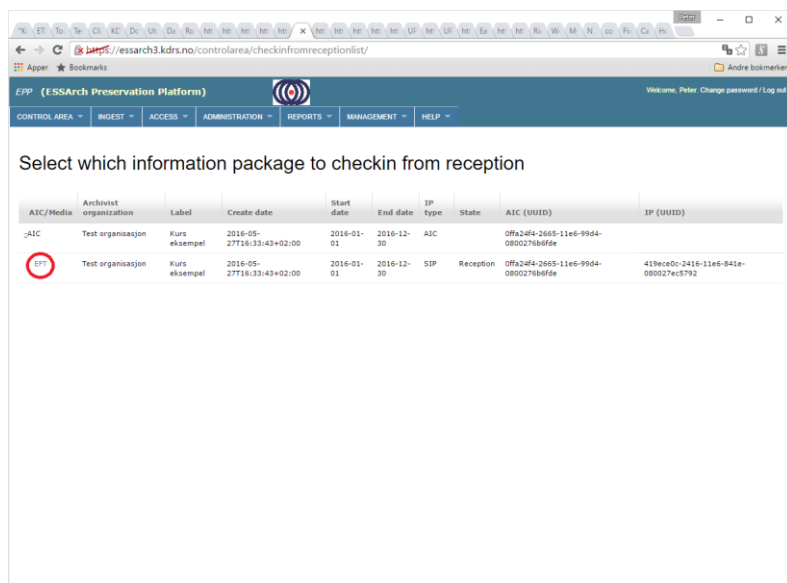


# EPP – Checkin, forts.



Pakker som er overført fra ETA vises her. I utgangspunktet vises AIC. Klikk på + tegnet for å få fram selve arkivpakken (SIP).

# EPP – Checkin, forts.



The screenshot shows the EPP (ESSArch Preservation Platform) web interface. The browser address bar displays the URL: <https://essarch3.kdrs.no/controlarea/checkinfromreceptionlist/>. The page title is "EPP (ESSArch Preservation Platform)". The navigation menu includes: CONTROL AREA, INGEST, ACCESS, ADMINISTRATION, REPORTS, MANAGEMENT, and HELP. The main content area is titled "Select which information package to checkin from reception". Below this title is a table with the following columns: AIC/Media, Archivist organization, Label, Create date, Start date, End date, IP type, State, AIC (UUID), and IP (UUID). The table contains two rows of data. The second row is circled in red, indicating it is the selected package for checkin.

| AIC/Media | Archivist organization | Label         | Create date               | Start date | End date   | IP type | State     | AIC (UUID)                           | IP (UUID)                            |
|-----------|------------------------|---------------|---------------------------|------------|------------|---------|-----------|--------------------------------------|--------------------------------------|
| AIC       | Test organisasjon      | Kurs eksempel | 2016-05-27T16:33:43+02:00 | 2016-01-01 | 2016-12-30 | AIC     |           | 0ff824f4-2665-11e6-9964-0800276b0ffe |                                      |
| EPP       | Test organisasjon      | Kurs eksempel | 2016-05-27T16:33:43+02:00 | 2016-01-01 | 2016-12-30 | SIP     | Reception | 0ff824f4-2665-11e6-9964-0800276b0ffe | 419ec80c-2416-11e6-041e-0800276c3792 |



# EPP – Checkin, forts.

**EPP (ESSArch Preservation Platform)**

CONTROL AREA - INGEST - ACCESS - ADMINISTRATION - REPORTS - MANAGEMENT - HELP

### Create controlarea request

Please fill in the fields or use prefilled data (\* indicates mandatory field)

ReqUUID: \* 0976ca2a-2675-11e6-aa69-00505697c6e4

ReqType: \*

ReqPurpose: \* **Checkin from Reception**

User: \* **eksempe**

ObjectIdentifierValue: \* 419ece0c-2416-11e6-841e-080027ec5792

Archive Policy ID: \* f4f7bb980b284271946e1a63fa4cedd3

Information Class: \*

DELIVERYTYPE: \* N/A

DELIVERYSPECIFICATION: \* N/A

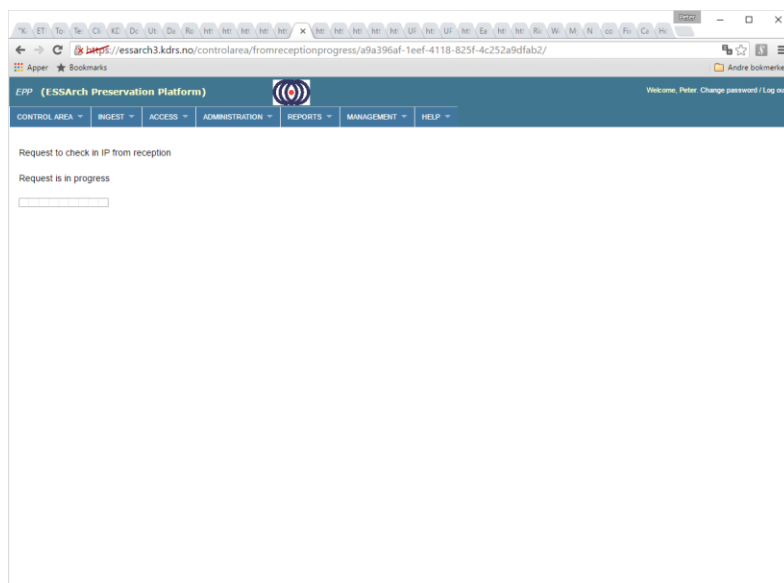
Allow unknown filetypes:

**Submit** ->





# EPP – Checking in



Her vil man få en obskur feil hvis Period start/end ikke er gyldige datoer. Dersom det skjer er det ikke noe annet å gjøre enn å be KDRS om å fjerne det som er overført, og begynne på nytt i ETP.

# EPP – Checkin successful

The screenshot shows a web browser window displaying the EPP (ESSArch Preservation Platform) interface. The URL is `https://essarch3.kdrs.no/controlarea/fromreceptionprogress/a9a396af-1eef-4118-825f-4c252a9dfab2/`. The page title is "Request to check in IP from reception" and the status is "Request is successful". The interface includes a navigation menu with options like "CONTROL AREA", "INGEST", "ACCESS", "ADMINISTRATION", "REPORTS", "MANAGEMENT", and "HELP". The user is identified as "Peter" with a "Change password / Log out" link. The main content area displays the following details:

Request to check in IP from reception  
Request is successful

Category: controlarea  
Label: Check in from Reception  
User: pky  
Request purpose: Kurs eksempel

Status

```
Found logfile: /ESSArch/data/gate/lobby/0ff2af4-2665-11e6-99d4-0800278b6fde/419ece0c-2416-11e6-841e-080027ec5792/req.xml for package: /ESSArch/data/gate/reception/0ff2af4-2665-11e6-99d4-0800278b6fde/419ece0c-2416-11e6-841e-080027ec5792/content/419ece0c-2416-11e6-841e-080027ec5792.tar
Copy package structure /ESSArch/data/gate/lobby/0ff2af4-2665-11e6-99d4-0800278b6fde to /ESSArch/data/epp/control/0ff2af4-2665-11e6-99d4-0800278b6fde
Copy /ESSArch/data/gate/reception/0ff2af4-2665-11e6-99d4-0800278b6fde/419ece0c-2416-11e6-841e-080027ec5792/content/419ece0c-2416-11e6-841e-080027ec5792.tar to package content directory: /ESSArch/data/epp/control/0ff2af4-2665-11e6-99d4-0800278b6fde/419ece0c-2416-11e6-841e-080027ec5792/content
Success to get METS agents and label from info.xml
Add aRecordID [POLICYID: ufa7b89862b4279454e163fa4cedd3] to metstfile
Add aRecordID [INFORMATIONCLASS: 1] to metstfile
Add aRecordID [DELIVERYTYPE: u/NA/] to metstfile
Add aRecordID [DELIVERYSPECIFICATION: u/NA/] to metstfile
Create new PREMIS: /ESSArch/data/epp/control/0ff2af4-2665-11e6-99d4-0800278b6fde/419ece0c-2416-11e6-841e-080027ec5792/administrative_metadata/premis.xml
Add new entry to DB for AIC_UUID: 0ff2af4-2665-11e6-99d4-0800278b6fde
Add new entry to DB for eventIdentifierValue: 0ff2af4-2665-11e6-99d4-0800278b6fde
Add new entry to DB for IP_UUID: 419ece0c-2416-11e6-841e-080027ec5792
Add new entry to DB for eventIdentifierValue: 0ff2af4-2665-11e6-99d4-0800278b6fde
Add new entry to DB for eventIdentifierValue: 3b395c4-2667-11e6-8bb-0800278b6fde
Add new entry to DB for eventIdentifierValue: 419f8e6e-2416-11e6-841e-080027ec5792
```



# EPP – Preserve IP

The screenshot shows the EPP (ESSArch Preservation Platform) web interface. The browser address bar displays the URL: <https://essarch3.kdrs.no/controlarea/fromreceptionprogress/a9a396af-1eef-4118-825f-4c252a9dfab2/>. The user is logged in as Andre bolmeyer. The interface includes a navigation menu with options: CONTROLS AREA, INGEST, ACCESS, ADMINISTRATION, REPORTS, MANAGEMENT, and HELP. A sidebar on the left lists various actions such as 'CheckIn from Reception', 'CheckOut to Workarea', and 'Delete IP in Contralarea'. The main content area displays a list of actions, with 'Preserve Information Package' highlighted in red. Below this, there is a list of database entries and a section for 'Overview of contralarea requests'.

```
gate/lobby/Offa244-2665-11e6-99d4-0800278b6fde/419ec0c-2416-11e6-041e-080027ec5792/log.xml for package: /ESSArch/data/gate/reception/Offa244-2665-11e6-99d4-080027ec5792/content/419ec0c-2416-11e6-041e-080027ec5792.tar
rch/data/gate/lobby/Offa244-2665-11e6-99d4-0800278b6fde to /ESSArch/data/app/control/Offa244-2665-11e6-99d4-0800278b6fde
reption/Offa244-2665-11e6-99d4-0800278b6fde/419ec0c-2416-11e6-041e-080027ec5792/content/419ec0c-2416-11e6-041e-080027ec5792.tar to package content directory:
a244-2665-11e6-99d4-0800278b6fde/419ec0c-2416-11e6-041e-080027ec5792/content
Records and label from info.xml
a/faf7b099602b427244e1a63facedd37] to metafile
{metafile: v1'} to metafile
Add aRecordID [DELIVERYTYPE: vNA1] to metafile
Add aRecordID [DELIVERYSPECIFICATION: vNA1] to metafile
Create new PREMIS: /ESSArch/data/app/control/Offa244-2665-11e6-99d4-0800278b6fde/419ec0c-2416-11e6-041e-080027ec5792/administrative_metadata/premis.xml
Add new entry to DB for AIC_UUID: Offa244-2665-11e6-99d4-0800278b6fde
Add new entry to DB for IP_UUID: 419ec0c-2416-11e6-041e-080027ec5792
Add new entry to DB for eventIdentifierValue: Offa244-2665-11e6-99d4-0800278b6fde
Add new entry to DB for eventIdentifierValue: 0310405-2665-11e6-99d4-0800278b6fde
Add new entry to DB for eventIdentifierValue: 38395c4-2667-11e6-abb4-0800278b6fde
Add new entry to DB for eventIdentifierValue: 41906be-2416-11e6-041e-080027ec5792
```




# EPP – Preserve IP, forts.

Select which information package to preserve in archive

Show 10 entries

Column visibility

Search

| Identification   | Archivist organization | Label         | Create date | Start date | End date   | Type | Generation | State | Activity |
|--|------------------------|---------------|-------------|------------|------------|------|------------|-------|----------|
|  0001_24f4-2965-1146-9904-0800_7b6f4e | Test organisasjon      | Kurs eksempel | 2016-05-27  | 2015-12-31 | 2016-12-29 | AIC  |            |       |          |

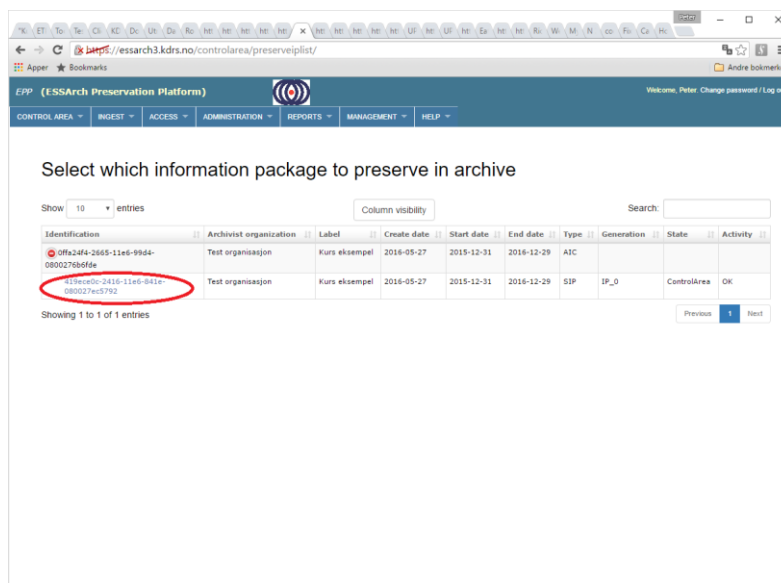
Showing 1 to 1 of 1 entries

Previous 1 Next



ES Solutions holder på å endre til mere synlige +  
Denne er mye tydeligere enn den andre vi nettopp så.

# EPP – Preserve IP, forts.



Select which information package to preserve in archive

Show 10 entries

Column visibility

Search:

| Identification                       | Archivist organization | Label         | Create date | Start date | End date   | Type | Generation | State       | Activity |
|--------------------------------------|------------------------|---------------|-------------|------------|------------|------|------------|-------------|----------|
| Offe2af4-2665-11e6-9964-0800276b6f6e | Test organisasjon      | Kurs eksempel | 2016-05-27  | 2015-12-31 | 2016-12-29 | AIC  |            |             |          |
| 118e4f0-2416-11e6-841e-0800276b6f6e  | Test organisasjon      | Kurs eksempel | 2016-05-27  | 2015-12-31 | 2016-12-29 | SIP  | IP_0       | ControlArea | OK       |

Showing 1 to 1 of 1 entries

Previous 1 Next



# EPP – Preserve IP, forts.

The screenshot shows the EPP (ESSArch Preservation Platform) web interface. The page title is "Create controlarea request". Below the title, there is a note: "Please fill in the fields or use prefilled data (\* indicates mandatory field)".

The form contains the following fields:

- ReqUUID: \* 939068bc-2676-11e6-8c73-00505697c6e4
- ReqType: \* Preserve Information Package
- ReqPurpose: \* **Kurs eksempel** (circled in red)
- User: \*
- ObjectIdentifierValue: \* 419ece0c-2416-11e6-841e-080027ec5792

Below the form is a "Submit" button (circled in red).

Below the form is a section titled "Events for IP" with a table of events:

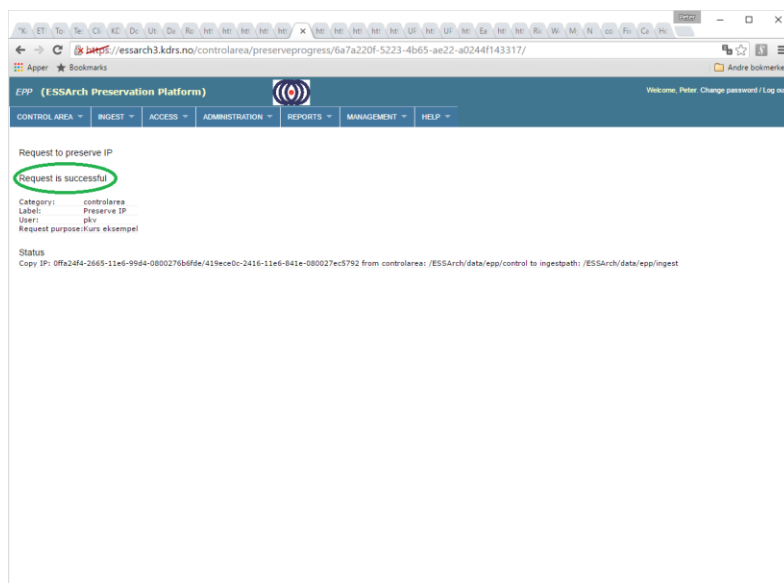
| Event UUID                           | Type | Date                          | Outcome | Note  | Agent | Generation | Linking Object ID                    |
|--------------------------------------|------|-------------------------------|---------|---|-------|------------|--------------------------------------|
| 419f4e1e-2416-11e6-841e-080027ec5792 | IP_0 | 10000 May 27, 2016, 4:23 p.m. | OK      | Success to create logfile   | pkv   | IP_0       | 419ece0c-2416-11e6-841e-080027ec5792 |
| 0ffab2a-2665-11e6-9964-080027eb6f9e  | IP_0 | 20000 May 30, 2016, 2:50 p.m. | OK      | Success to create logfile   | pkv   | IP_0       | 419ece0c-2416-11e6-841e-080027ec5792 |
| 81810480-2666-11e6-9984-080027eb6f9e | IP_0 | 20100 May 30, 2016, 3 p.m.    | OK      | Notatt OK.  | pkv   | IP_0       | 419ece0c-2416-11e6-841e-080027ec5792 |
| 38a395c4-2667-11e6-8bd0-080027eb6f9e | IP_0 | 20800 May 30, 2016, 3:09 p.m. | OK      | AR OK.  | pkv   | IP_0       | 419ece0c-2416-11e6-841e-080027ec5792 |
| f38af46-2675-11e6-942a-00505697c6e4  | IP_0 | 30000 May 30, 2016, 4:51 p.m. | OK      | Success to Checkin object: 419ece0c-2416-11e6-841e-080027ec5792 from reception, ReqUUID: b97dca2a-2675-11e6-aa69-00505697c6e4 | pkv   | IP_0       | 419ece0c-2416-11e6-841e-080027ec5792 |

Below the table is a section titled "Related events for AIC" with a table of events:

| Event UUID | Type | Date | Outcome | Note | Agent | Generation | Linking Object ID |
|------------|------|------|---------|------|-------|------------|-------------------|
|------------|------|------|---------|------|-------|------------|-------------------|

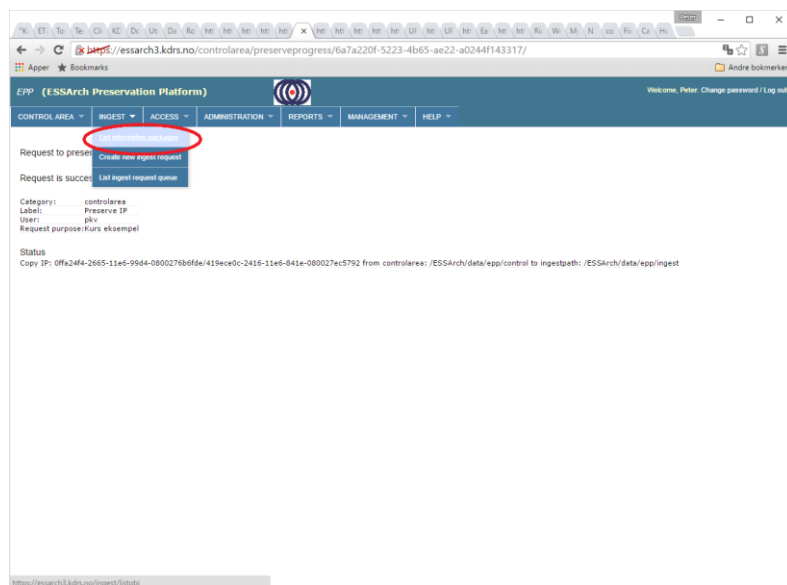


# EPP – Preserve IP, forts.



På dette punktet er det laget en jobb for å ta inn arkivpakken i selve depotet. Dette tar noe tid.

# EPP – Ingest IP



Du kan følge med på status ved å velge dette i menyen.



# EPP – Ingest IP, forts.

INGEST - List information packages

Show 10 entries

Column visibility

Search:

| Identification                      | Archivist organization | Label         | Create date | Start date | End date   | Type | Generation | State                         | Activity |
|-------------------------------------|------------------------|---------------|-------------|------------|------------|------|------------|-------------------------------|----------|
| 0ffa2d4-2665-11e6-99d4-0800276d66fa | Test organisasjon      | Kurs eksempel | 2014-05-27  | 2015-12-31 | 2016-12-29 | AIC  |            |                               |          |
| 439ec0b-3416-11e6-841e-0800276d66fa | Test organisasjon      | Kurs eksempel | 2016-05-30  | 2015-12-31 | 2016-12-29 | AIP  | IP_0       | Write AIP to longterm storage | Progress |

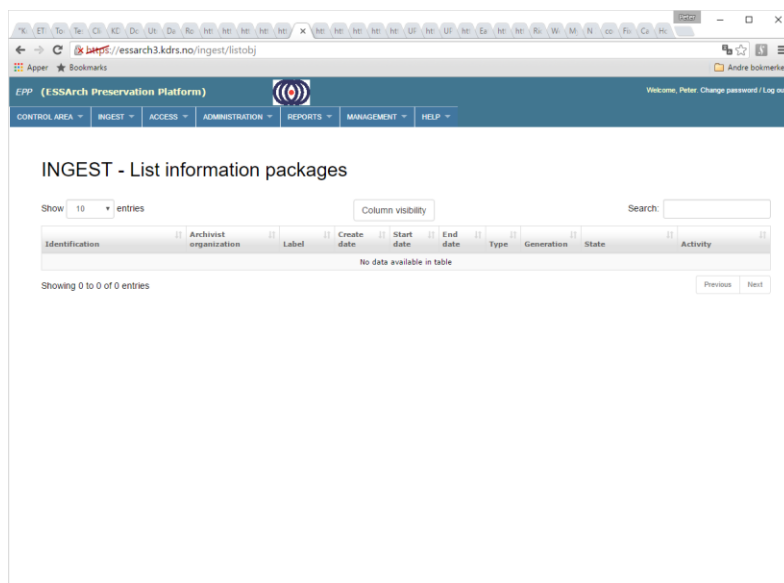
Showing 1 to 1 of 1 entries

Previous 1 Next



Klikk på den grønne + for å få fram dette bildet, som i forrige liste.

# EPP – Ingest IP ferdig.



AIC/IP forsvinner fra lista når preservering er ferdig. Dette vil ta noe tid for store arkivpakker.

# EPP – Kvittering.

Standardoppsett:

- Til Postmottak:  
Journalføring
- Til bruker:  
Katalogisering  
(Asta?)

ESSArch receipt - object "2b802eb4-4be0-11e9-8ded-080027ec5792" successfully archived!

e-archive+ESSArch2@kdrs.no  
Til: pkv+essarch2\_receipt@kdrs.no; pkv+test@kdrs.no  
tor, 21.03.2019 15:06

Object "2b802eb4-4be0-11e9-8ded-080027ec5792" was successfully archived and can now be accessed from ESSArch.

Subset of package metadata:  
LABEL: Test EPP Receipt 25  
SUBMISSIONAGREEMENT: N/A  
STARTDATE: 2016-01-01  
ENDDATE: 2016-12-30  
POLICYID: 195a46ae6baf4045881ab12cd8e4eb46  
INFORMATIONCLASS: 1  
DELIVERYTYPE: N/A  
DELIVERYSPECIFICATION: N/A  
ARCHIVIST ORGANIZATION: KDRS SA  
ARCHIVIST SOFTWARE: N/A  
ARCHIVIST SOFTWARE: N/A  
ARCHIVIST SOFTWARE: N/A  
CREATOR ORGANIZATION: KDRS SA  
PRODUCER ORGANIZATION: KDRS SA  
PRODUCER INDIVIDUAL: Peter Værlien  
PRODUCER SOFTWARE: N/A  
SUBMITTER ORGANIZATION: KDRS SA  
SUBMITTER INDIVIDUAL: Peter Værlien  
IOWNER ORGANIZATION: KDRS SA  
PRESERVATION ORGANIZATION: KDRS SA  
CREATOR INDIVIDUAL: ESSArch\_ESSArch2  
CREATOR SOFTWARE: ESSArch  
VERSION=2.5.

Please return to "ESSArch Preservation Platform" and click on menu "Access" to access archived objects.

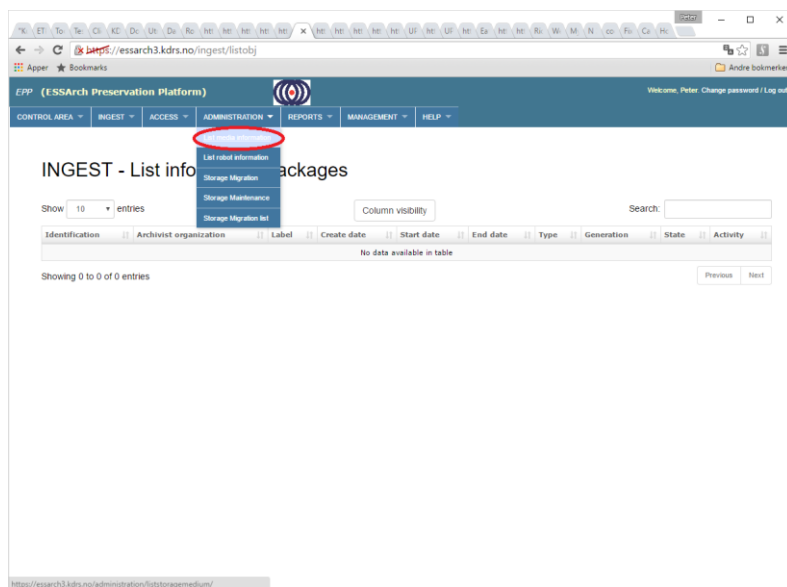


Dette er KDRS-spesifikk funksjonalitet som vi har selv lagt til programmet.

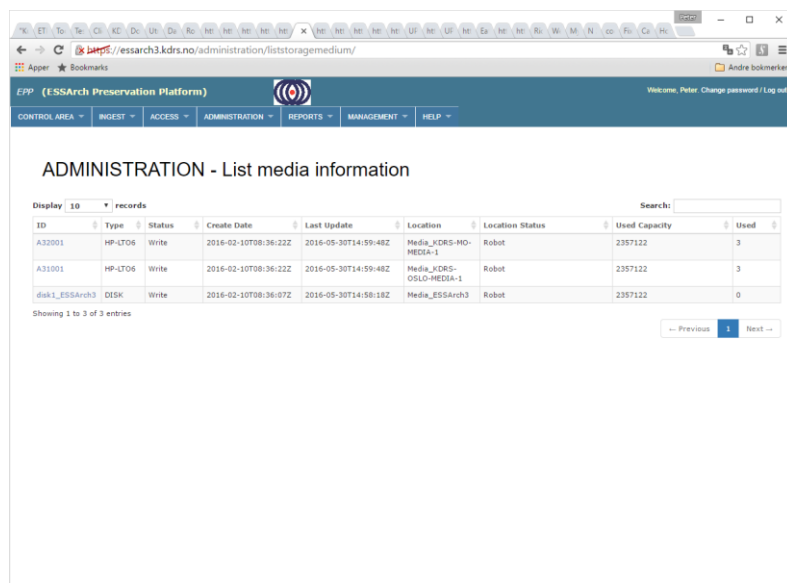
Hvis denne fordelingen (postmottak og bruker) ikke skulle passe, er dette konfigurerbart i EPP. Kontakt KDRS.

Sigve skal snakke litt nærmere om dette med katalogisering etterpå.

# EPP – oversikt lagringsmedier



# EPP – oversikt lagringsmedier



The screenshot shows the EPP (ESSArch Preservation Platform) administration interface. The page title is "ADMINISTRATION - List media information". Below the title, there is a search bar and a table with columns: ID, Type, Status, Create Date, Last Update, Location, Location Status, Used Capacity, and Used. The table contains three rows of data. Below the table, it says "Showing 1 to 3 of 3 entries".

| ID             | Type    | Status | Create Date          | Last Update          | Location                | Location Status | Used Capacity | Used |
|----------------|---------|--------|----------------------|----------------------|-------------------------|-----------------|---------------|------|
| A32001         | HP-LTO6 | Write  | 2016-02-10T08:36:22Z | 2016-05-30T14:59:48Z | Media_KDRS-MO-MEDIA-1   | Robot           | 2357122       | 3    |
| A31001         | HP-LTO6 | Write  | 2016-02-10T08:36:22Z | 2016-05-30T14:59:48Z | Media_KDRS-OSLO-MEDIA-1 | Robot           | 2357122       | 3    |
| disk1_ESSArch3 | DISK    | Write  | 2016-02-10T08:36:07Z | 2016-05-30T14:58:18Z | Media_ESSArch3          | Robot           | 2357122       | 0    |



Denne test server har data på et bånd i Mo i Rana, et bånd i Oslo og på lokal disk (Trondheim).

# EPP – detaljer lagringsmedium

Updated 4 minutes ago)

|                            |                                      |
|----------------------------|--------------------------------------|
| Name                       | Value                                |
| Medium UUID                | 011d31ef-5c10-4544-a497-9a45b5db182a |
| Type                       | 9P-CTOS                              |
| ID                         | A32001                               |
| Create Date                | Feb. 10, 2016, 9:36 a.m.             |
| Last Update                | May 30, 2016, 4:59 p.m.              |
| Location                   | Media_KDRS-HO-MEDIA-1                |
| Location Status            | Robot                                |
| Block Size                 | 512K                                 |
| Used Capacity              | 2307122 bytes                        |
| Status                     | Write                                |
| Format                     | 100 (AIC support)                    |
| Used (mounts)              | 2                                    |
| BindingIdentifierValue     | ESSArch_ESSArch3                     |
| Create Date                | Feb. 10, 2016, 9:36 a.m.             |
| CreateAgentIdentifierValue | ESSArch_KDRS-HO-MEDIA-1              |

### Medium content

Display 10 records

| IP Object                            | Content location |
|--------------------------------------|------------------|
| cb140d2c-cf2b-11e5-800d-08002763c599 | 1                |
| 419ee0c-2416-11e6-841e-0800276c5792  | 2                |

Showing 1 to 2 of 2 entries

list storagemedium



Vi ser at det er to arkivpakker på dette båndet.

# Rapporter

- Årlig
  - tilgang siste år totalt og per arkivskaper
  - beholdning totalt og per arkivskaper
- Månedlig
  - tilgang siste måned totalt og per arkivskaper
  - beholdning totalt og per arkivskaper

Sendes postmottak for distribusjon til de som har bruk for informasjonen.



Det lønner seg å være konsekvent når metadata fylles ut.

## Avslutning del 4

I denne sesjonen har vi tatt for oss:

- Hvordan vi sjekker inn en mottatt pakke til control area.
- Hvordan vi starter preserving av en pakke.
- Hvordan vi ser hvor langt preserving har kommet.
- Hvordan vi ser hva vi har i depotet.





# Erfaringer

- Sigve deler praktiske erfaringer fra bruk.

