# Use Case View

Package in package 'Model'

Use Case View

Version Phase 1.0 Proposed

 created on 18/10/2018. Last modified 18/10/2018

## Use Case View diagram

Use Case diagram in package 'Use Case View'

Use Case View

Version 1.0

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Use Case View

## Check user's authorisation

UseCase in package 'Use Case View'

Check whether the user can perform the activity

Check user's authorisation

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| CONNECTORS |
| --- |
|  Dependency «invokes» Source -> DestinationFrom: Find out what a specific archive can provide : UseCase, Public To: Check user's authorisation : UseCase, Public  |
|  Dependency «invokes» Source -> DestinationFrom: Get Information from OAIS : UseCase, Public To: Check user's authorisation : UseCase, Public  |

## Data search and access

UseCase in package 'Use Case View'

For example User wants to get data about a particular area on Earth

Data search and access

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| CONNECTORS |
| --- |
|  Dependency «invokes» Source -> DestinationFrom: Data search and access : UseCase, Public To: Find out what a specific archive can provide : UseCase, Public  |
|  Include «include» Source -> DestinationFrom: Data search and access : UseCase, Public To: Search for Information : UseCase, Public  |
|  Include «include» Source -> DestinationFrom: Data search and access : UseCase, Public To: Get Information from OAIS : UseCase, Public  |
|  UseCaseLink Source -> DestinationFrom: Consumer : Actor, Public To: Data search and access : UseCase, Public  |

## Find out what a specific archive can provide

UseCase in package 'Use Case View'

For a specific archive which I know contains information I am searching for, discover what I can get from the archive

Find out what a specific archive can provide

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| CONNECTORS |
| --- |
|  Dependency «invokes» Source -> DestinationFrom: Find out what a specific archive can provide : UseCase, Public To: Check user's authorisation : UseCase, Public  |
|  Dependency «invokes» Source -> DestinationFrom: Data search and access : UseCase, Public To: Find out what a specific archive can provide : UseCase, Public  |

## Get Information from OAIS

UseCase in package 'Use Case View'

Receive requested information from the OAIS

Get Information from OAIS

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| CONNECTORS |
| --- |
|  Include «include» Source -> DestinationFrom: Get Information from OAIS : UseCase, Public To: Get an AIP : UseCase, Public  |
|  Dependency «invokes» Source -> DestinationFrom: Get Information from OAIS : UseCase, Public To: Check user's authorisation : UseCase, Public  |
|  UseCaseLink Source -> DestinationFrom: Consumer : Actor, Public To: Get Information from OAIS : UseCase, Public  |
|  Include «include» Source -> DestinationFrom: Data search and access : UseCase, Public To: Get Information from OAIS : UseCase, Public  |

## Get an AIP

UseCase in package 'Use Case View'

Request and receive the AIP which contains the information wanted.

If we assume that everything the archive is preserving is kept in a logical AIP then this use case covers getting all the components of an AIP

Get an AIP

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| CONNECTORS |
| --- |
|  Include «include» Source -> DestinationFrom: Get an AIP : UseCase, Public To: Make an AIP ready for transfer : UseCase, Public  |
|  Include «include» Source -> DestinationFrom: Get Information from OAIS : UseCase, Public To: Get an AIP : UseCase, Public  |

## Make an AIP ready for transfer

UseCase in package 'Use Case View'

The AIP is a logical package.

For example there may be a Manifest file which points to the various components.

IF the pointers are usable from outside the OAIS

THEN sending the Manifest is enough because the user can then gather all the information that makes up the AIP

ELSE if the pointers are not used usable outside the OAIS then the OAIS must ensure all the components are available, for example create a ZIP file with all the components

Make an AIP ready for transfer

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| CONNECTORS |
| --- |
|  Include «include» Source -> DestinationFrom: Get an AIP : UseCase, Public To: Make an AIP ready for transfer : UseCase, Public  |

## Search for Information

UseCase in package 'Use Case View'

Distribute search to available sources

Search for Information

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| CONNECTORS |
| --- |
|  Include «include» Source -> DestinationFrom: Data search and access : UseCase, Public To: Search for Information : UseCase, Public  |