Interface Patterns (shorthand for most of the Archive Interface Patterns below)

* Send
* Submit
* Request
* Invoke
* Progress
* Pub/Sub

Archive Interface Patterns – Basic Conformity – Repository must provide all the following interfaces

AuthenticateUser

SIP

Note: Basic Conformity - Assumes previous negotiations to set expected formats or archive accepts preset formats

 Advanced Conformity - may provide interfaces for negotiating these formats.

* Send SIP
* Submit SIP

AIP – Internal to Archive, ignore for now

SearchForAIP

DIP

Note: Basic Conformity – Single AIP Reference provided, DIP based on single AIP, format of returned object understood, full components supplied

 Basic Conformity – List of AIP References provided, multiple DIPs based on single AIP returned, format of returned object understood

 Basic Conformity – List of AIP References provided, single DIP returned concatenating items based on single AIP, format of returned object understood

 Advanced Conformity – may provide interfaces for negotiating these formats and for obtaining supporting information for components (e.g. representation information or fixity information for the Provenance Information object.

* Request DIP-whole
* Invoke DIP-whole
* Progress DIP-whole
* Pub/Sub DIP-whole
* Request DIP-Information Object
* Invoke DIP-Information Object
* Progress DIP-Information Object
* Pub/Sub DIP-Information Object
* …DIP-Information Object - CDO
* …DIP-Information Object - RepInfo
* …DIP-PDI
* …DIP-PDI-RefInfo
* …DIP-PDI-ContextInfo
* …DIP-PDI-ProvenanceInfo
* …DIP-PDI-FixityInfo
* …DIP-PDI-AccessRightsInfo
* …DIP-PDI-OtherInfo (needed?)