

















- It is not a certifying tool or a OAIS-compliance toolkit, but rather a self-assessment and management tool
- The organization sets the benchmark against which it is assessing itself
- The task of DRAMBORA staff is not to audit or assess anyone's result, but to provide the tools for them to do it

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#### Anticipated applications

- Validatory: Internal self assessment to confirm suitability of existing policies, procedures and infrastructures
- Preparatory: A precursor to extended, possibly external audit (based on e.g., TRAC)
- Anticipatory: A process preceding the development of the repository or one or more of its aspects

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## Stage 1: T2 examples List goals and objectives of your repository (Operational functions: Access and dissemination);

- Provide appropriate preservation strategies to maintain a renderable version of the file at all times
- Provide value-added services to the users within the resources available

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# Stage 3: examples Identify Activities, Assets and their Owners (Operational functions: Acquisition & Ingest) Activity: Verify completeness and correctness of received content Assets: Digital objects; list of file formats; list of levels of preservation treatment desired for that format by the owner Activity: Monitor and ingest of SIPs Assets: Submission package definition; checksums Image: ISC Content









Stage 3: examples
Identify Activities, Assets and their Owners (Support functions: Staffing)
Activity: Appoint a sufficient number of appropriately qualified staff Assets: Staff; training library
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Anato	Anatomy of a Risk				
Risk Identifier:	A text string provided by the repository to uniquely identify this risk and				
	facilitate references to it within risk relationship expressions				
Risk Name:	A short text string describing the risk				
Risk Description:	A longer text string offering a fuller description of this risk				
Example Risk Manifestation(s):	Example circumstances within which risk will or may execute				
Date of Risk Identification:	Date that risk was first identified				
Nature of Risk:	Physical environment				
	Personnel, management and administration procedures				
	Operations and service delivery				
	Hardware, software or communications equipment and facilities				
Owner:	Name of risk owner - usually the same as owner of corresponding activity				
Escalation Owner:	The name of the individual who assumes ultimate responsibility for the risk in the event of the stated risk owner relinquishing control				
Stakeholders:	Parties with an investment or assets threatened by the risk's execution, or with responsibility for its management				
Risk Relationships:	A description of each of the risks with which this risk has relationships				
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Risk Relationship	Definition of Risk Relationship	Ρ
Explosive	where the simultaneous execution of $n$ risks has an impact in excess of the sum of each risk occurring in isolation	
Contagious	where a single risk's execution will increase the likelihood of another's	
Complementary	where avoidance or treatment mechanisms associated with one risk also benefit the management of another	
Contradictory	where avoidance or treatment associated with a single risk renders the avoidance or treatment of another less effective	
Atomic	where risks exist in isolation, with no relationships with other risks	
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Example Risk
 Unidentified information change
 Repository is incapable of tracking or monitoring where one or more changes to archived information has taken place
 Example manifestation

 Repository has failed to record or maintain adequate checksum information to detect where changes have been made to archived content











Risk Impact Score	Interpretation	
0	Zero impact, results in zero deterioration of ability to ensure digital object authenticity and understandability	
1	Negligible impact, results in <b>isolated, non-serious and recoverable</b> <b>deterioration</b> of ability to ensure digital object authenticity and understandability	
2	Superficial impact, results in <b>isolated but non-serious and/or fully</b> recoverable deterioration of ability to ensure digital object authenticity and understandability	
3	Medium impact, results in widespread or organisation-wide but non-serious and/or fully recoverable deterioration of ability to ensure digital object authenticity and understandability	
4	<i>High</i> impact, results in <b>isolated</b> , <b>serious and non-recoverable deterioration</b> of ability to ensure digital object authenticity and understandability	
5	5 Considerable impact, results in widespread, serious deterioration of abilit ensure digital object authenticity and understandability, which is unrecoverable or recoverable only by third party intervention	
6	Cataclysmic impact, results in <b>organisation-wide, terminal, and</b> <b>unrecoverable loss</b> of ability to ensure digital object authenticity and understandability	
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Risk Probability		
Risk Probability Score	Interpretation	
1	Minimal probability, occurs once every <b>100 years or more</b>	
2	Very low probability, occurs once every 10 years	
3	Low probability, occurs once every 5 years	
4	Medium probability, occurs once every year	
5	High probability, occurs once every month	
6 Very high probability, occurs <b>more than once every</b> <b>month</b>		
NUMBER OF STREET	Building Trust in Digital Repositories Using DRAMBORA 75	















### Example: Transfer Strategy Enforced cessation of repository operations Transfer Strategy Establish succession arrangements Establish contingency plans or escrow arrangements Establish exit strategy













