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User-Layer



CD-ROM Collection Ingest Workflow

- Evaluate and prioritize data carrier migration
- License evaluation and rights clearance
- Creation of media images (e.g. ISO)

Curator

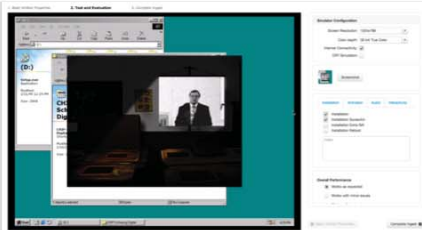


Access User



Workflow-Layer

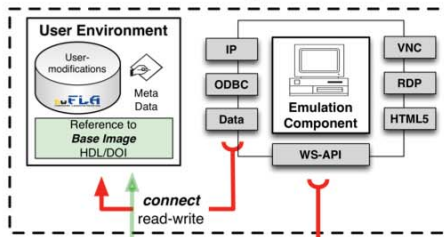
Ingest



Creation of tech. metadata

- Select and retrieve CD-ROM image
- Select an EaaS base image
- Install additional software (optional)
- Configure environment (optional)
- Evaluate object rendering
- Create and save a citable environment
- Output of technical metadata

Tailored Rendering Environment

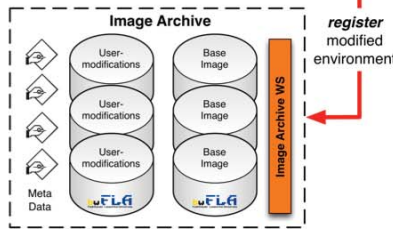


Access



Object rendering

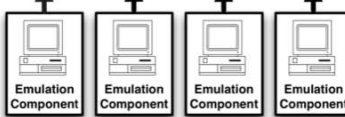
- Load technical metadata
- Allocate computing resources
- Prepare emulator node
- Load and deploy environment
- Inject object (CD-ROM ISO)
- Re-enact environment
- Provide interactive access to users



Technical-Layer Emulation-as-a-Service



Emulation-as-a-Service Base Environments



Cloud Computing



Local Computing Resources



Service Management Resource Allocation

Demo



<http://tib-test.bw-fla.uni-freiburg.de>
user: tibtest
pw: tibtest2014