

VOSpace 2.1 and discussion

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VOS Interface to Distributed Storage

```
public interface TransferGenerator
{
    List<URL> getURLs(
        VOSURI target, Protocol protocol, View view,
        Job job, List<Parameter> additionalParams)
        throws FileNotFoundException, TransientException;
}
```

Single, shareable download URL

```
curl "https://server.example.com/vospace/synctrans  
?TARGET=vos://example.com~vospace/mydata1  
&DIRECTION=pullFromVoSpace  
&PROTOCOL=ivo://ivoa.net/vospace/Core#httpget  
&REQUEST=redirect  
&SECURITYMETHOD=ivo://ivoa.net/sso#tls-with-certificate"
```

New in this Working Draft

- Added REQUEST=redirect for further optimized pullFromVoSpace
- Commented-out search and find nodes until use cases and implementations are presented
- Changed Transfer in XSD to accept parameters (eg Content-Type on uploads)
- Recreated and expanded all webservice operation examples
- Changed XSD element authType to SecurityMethod to match IVOA standard.
- Fixed text inconsistencies
- Clarified role of the node busy flag