

Using the URL Adapter with the LDAP Protocol



This page explains the **URL Adapter** in Bridge context. If you were looking for the same information regarding the [PAS Designer](#), refer to [URL Adapter](#) in the Designer guide.

With the URL adapter it is also possible to access LDAP servers.

Example File (Builder project Add-ons/URL):



```
<bridgeDocPath>\Add-ons\URL\uml\urlLdap.xml
```

The special URL format to access LDAP is specified in [RFC 2255](#). It has the form **ldap://server:port/[DN]?[attributes]?[scope]?[filter]?[extension]**, where **DN** is the starting point in the directory tree, **attributes** are the fields to be returned, **scope** is the search logic (e.g. sub for sub-tree search), **filter** is the search query, and **extension** for further functionality like binding (=login). For examples see the RFC linked above.

The URL adapter only supports read access to LDAP repositories.

The LDAP server **x500.bund.de** used in the UML example is a public LDAP server that does not require any authentication.

The LDAP browser by SoftTerra is a useful, free tool to browse LDAP servers.

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Related Pages:

- [Setting cURL Options on the URL Adapter](#)
- [URL Adapter Reference](#)

Tagged Values

Find below a list of relevant tagged values, if the URL adapter is used with the LDAP protocol. Default values used when an option is not explicitly set are written in bold.

Tagged Value	Description	Values
protocol	Transport protocol.	ldap
method	LDAP method.	get
port	Machine port number the service is binding to. This port number can be given at service level only.	389
path	LDAP path for the request.	
Advanced		
options	Native cURL options.	cURL Options
Authentication		
user	Username/password.	
Proxy		
proxyType	Type of the proxy.	HTTP, SOCKS5
proxyURL	URL of the proxy server.	
proxyUser	Proxy user.	