

# Proxy Server Resource Provider

## Proxy Server Resource Provider

Status: DRAFT  
Created: 10. January 2014  
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Issue: ---

- [Sketch](#)

### Sketch

- Request Forwarding
- Pluggable Transport Protocol proxying: Requests to Sling are always HTTP based; proxied requests may be HTTP, FTP, or others.
- Pluggable Request and Response translation: Input requests can be translated to SOAP requests with responses translated back according to expected formats such as JSON, XML, HTML, etc.
- Request URL mapping to proxied request URL (e.g. using URL templates)
- Configuration defined in the repository for ResourceProvider services:
  - Resource Type indicating Proxy root; e.g. `sling:resourceType = proxy`
  - Proxy URL; e.g. `proxyUrl=http://the.target.com`
  - etc
- ProxyResourceProvider controller registers ResourceProvider services based on the proxy configurations with the respective root addresses.
- Example: ResourceProvider registered at `/proxy`
  - `proxyUrl=http://the.target.com`
  - `Map /proxy.html ==> http://the.target.com/`
  - `Map /proxy/foo.html ==> http://the.target.com/foo`