

Browser

Profile Page

ORNG
(iframe)

Windows Server

IIS
(port 80)

Profiles
RNS

ORNG
Content

Tomcat
(port 8080)

ShindigORNG

RDF/XML

Proxied ORNG Content

Profiles HTML

HTML
[OAuth]

Internal or
External Web
Service
(SlideShare,
YouTube,
Wake Forest
Grant Search,
KNODE, etc.)

gadget.xml

Gadget Hosting Servers

http://anywhere/gadget.xml

The ORNG applications run as iframe content within the browser. Note that the ORNG content is all proxied through IIS and will be seen by the browser as coming from `http://[your profiles URL]/shindigorng`, this allows the Javascript in the ORNG gadgets to avoid issues with cross site scripting.

The RDF/XML is consumed by ShindigORNG and converted to JSON-LD, where it is then piped through to the browser as a component of the ORNG content. The ORNG Gadgets are written in HTML and Javascript, hence the need for JSON based data. Note that RDF/XML from other servers can also be accessed by ShindigORNG and converted to JSON-LD.

Web services used by ORNG applications will all be proxied through ShindigORNG (in addition to IIS) and can optionally use OAuth if some level of security is required (as with KNODE).