Poster Template

IMPORTANT:

- **This slide has been configured for the screens that will be used to display your poster.**
- **Original template dimensions are 28.584cm x 50.809cm**
- **Do not change these dimensions, otherwise your poster may not display correctly.**
- **If you are not using PowerPoint to create your poster, then you must ensure that your poster dimensions conforms to the same ratio as the template**
- **Insert the 3 digit poster number in the box provided at in the top right-hand corner (see Conftool for your poster number).**
- **Final poster must be submitted (via Conftool) in both PDF and PNG format**

Recommended Font Sizes:
Title: 60min – 80max
Body Text : 22min – 32max (for best effect)
: 18 absolute min – 40 absolute max

Colour:

- Solid background colours are recommended, however white should not be used as the brightness of the panel can make it difficult to read when standing in front of it.

To save your poster as an **PNG** image for display on the Cube:

- Click **File > Save As**
- Select **PNG** from the dropdown **Save as type** box
- Click **Save** and select "**Just This One"** when prompted

Please keep a copy of your poster in the original format (eg PowerPoint) as this will allow you to go back and edit your poster again if required

Please enter your poster content on the next slide.

Please upload your final poster (PNG and PDF) by Friday 9th June 2017.

VIVO/Vitro system architecture for linked open data regarding scholarship

HTTP

Apache HTTP SERVER

Content negotiation is used to access HTML, RDF, …

Presentation

Vitro UI

<#FREEMARKER>

VIVO Visualizations

VIVO UI Customizations

<#FREEMARKER>

Local templates override VIVO templates which override Vitro templates.
We have to say about all this and can put the additional text here.

TOMCAT

Business Logic

Simple Loader

Harvester

User Access

Ontology Editor

Vitro APIs

SPARQL

Apache JENA

Reasoner

Jfact

Persistence

Search Index

Solr

Content Triple Store

Powered by MySQL

Configuration Triple Store

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VIVO Visualizations

D3

VIVO UI Customizations

<#FREEMARKER>

Vitro provides a default web presentation for all entities. VIVO Freemarker templates override Vitro templates to provide presentation customized for scholarship. D3 is used to create viz that run on all modern devices.

TOMCAT

Business Logic

Business logic and presentation services run as servlets in a Tomcat container

Simple Loader

Harvester

External applications load data through the Vitro APIs

User Access

Ontology Editor

Vitro APIs

#LD Linked Data Fragments

SPARQL

Apache JENA

Reasoner

Jfact

User access can be done with local credentials or external authentication services. An ontology editor supports creation of new ontologies, and management of classes and properties for ontologies loaded to Vitro. The Vitro APIs support SPARQL and LDF.

Persistence

Search Index

Solr

Content Triple Store

Powered by MySQL

Configuration Triple Store

Vitro stores triples as named graphs in MySQL. Configuration info is stored as triples in a separate MySQL database. Solr provides a search index and faceted search capability for Vitro and VIVO.

VIVO/Vitro system architecture for linked open data regarding scholarship

HTTP

Apache HTTP SERVER

Ensures that only the VIVO/Vitro application, and not internal services such as Solr, are exposed to the public. Provides security filtering and a means to serve non-VIVO resources. This layer is optional, but recommended.

Presentation

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<#FREEMARKER>

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VIVO UI Customizations

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Persistence

Search Index

Solr

Content Triple Store

Powered by MySQL

Configuration Triple Store

Vitro stores triples as named graphs in MySQL. Configuration info is stored as triples in the file system. Solr provides a search index and faceted search capability for Vitro and VIVO.

Michael Conlon and Graham Triggs, Duraspace http://duraspace.org