

VRA CORE APPLICATION PROFILE

designed for BOTANICAL GARDENS

by Kelly Colht

for INFX 531, Autumn 2015

Outline

- Introduce the collection
- Introduce my objective in designing this application profile
- Describe the users
- Explain the selection of terms
 - VRA Core
 - Borrowed terms
 - Homespun terms
- Provide a walk-through
- Point out flaws



French formal garden in the Loire Valley

Botanical Gardens in N. America

- They're all over the place
- Beloved by many
- Travel destination, mid-day time while-r
- Good for body and mind
- Online presence
- Very photogenic

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REFERENCE

[Calculators](#)
[Gardener's Dictionary](#)

Public Gardens Locator

NGA has partnered with the American Public Gardens Association (APGA) to provide you with this database of public gardens across the country. Whether you're taking a vacation or exploring closer to home, use the search boxes below to find gardens to visit for inspiration.

You can search for the location of a specific garden, or for a list of gardens in a particular area by city, state, zip code, or any combination of them.

Find a garden near you and plan a visit today!

Search for gardens:

By city:

By state:

By zip code:

By garden name:

Search!

GARDEN IN EVERY SCHOOL

OUR MISSION IN ACTION

SHOP WITH A PURPOSE

— ADVERTISEMENTS —

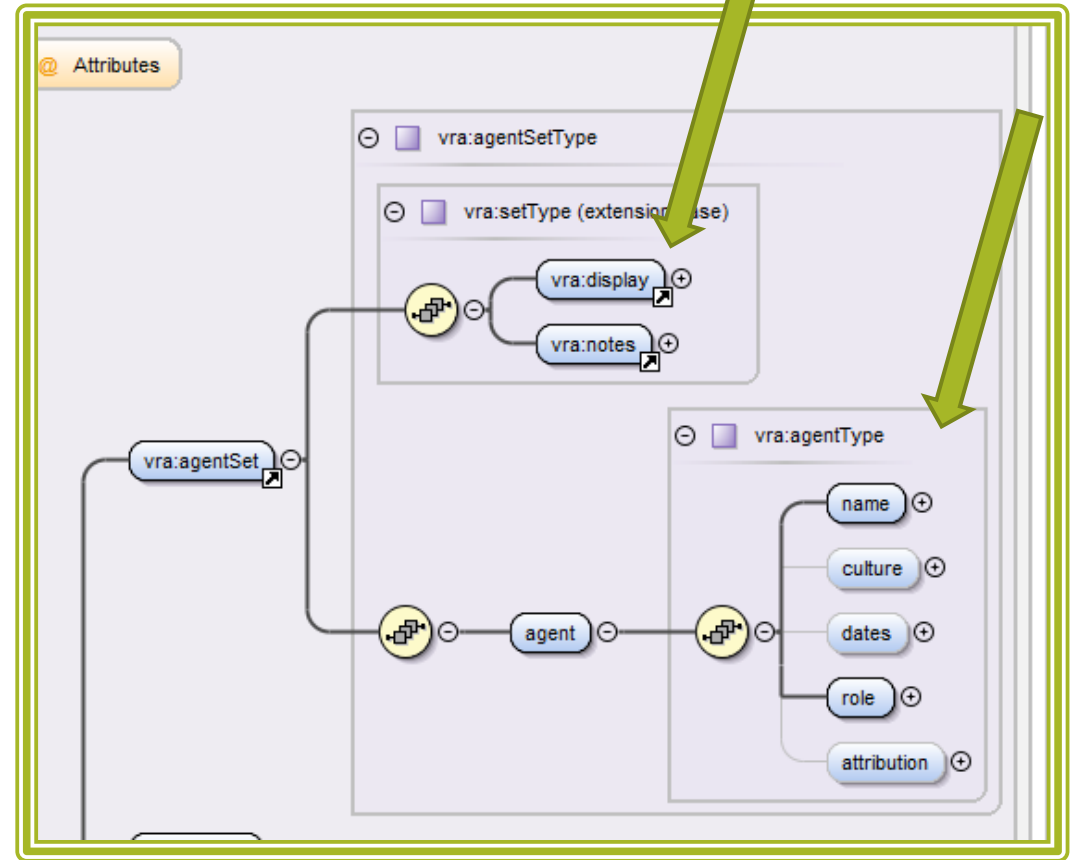
URL: www.geograph.org.uk (date accessed: 2015-11-20)

Scope and Objective

- Improve the ability of the public to search for gardens across a geographic area
- Influence public thought on the role of gardens in our lives through comparisons with other mediums
- Increase the likelihood of educational opportunities for the public during their interaction with a search site
- Increase the likelihood of educational opportunities for the public during their visits to gardens

Users

- General members of the public
- Wide range of ages and educational levels
- Non-expert enthusiasts
- Environmentalists, administrative staff, historians, public policy analysts, city planners, potential donors and benefactors, and others



VRA

- The Visual Resource Association (VRA) was founded in 1982
- VRA Core is somewhat based on the Dublin Core model
- First published in 1996 (with revisions in 1998, 2002, 2004, and 2007)
- Current version: 4.0
- Captures descriptive information about works and images

COLLECTION – IMAGE – WORK

Why VRA Core for this Collection?

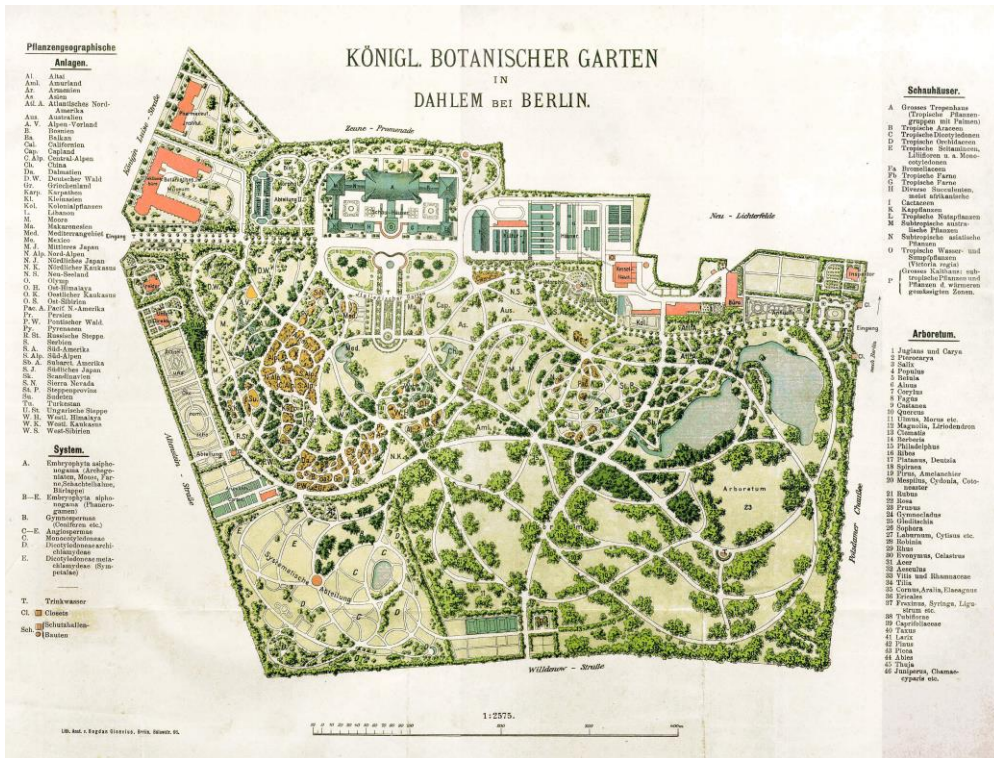


Mosaiculture at the Atlanta Botanical Garden

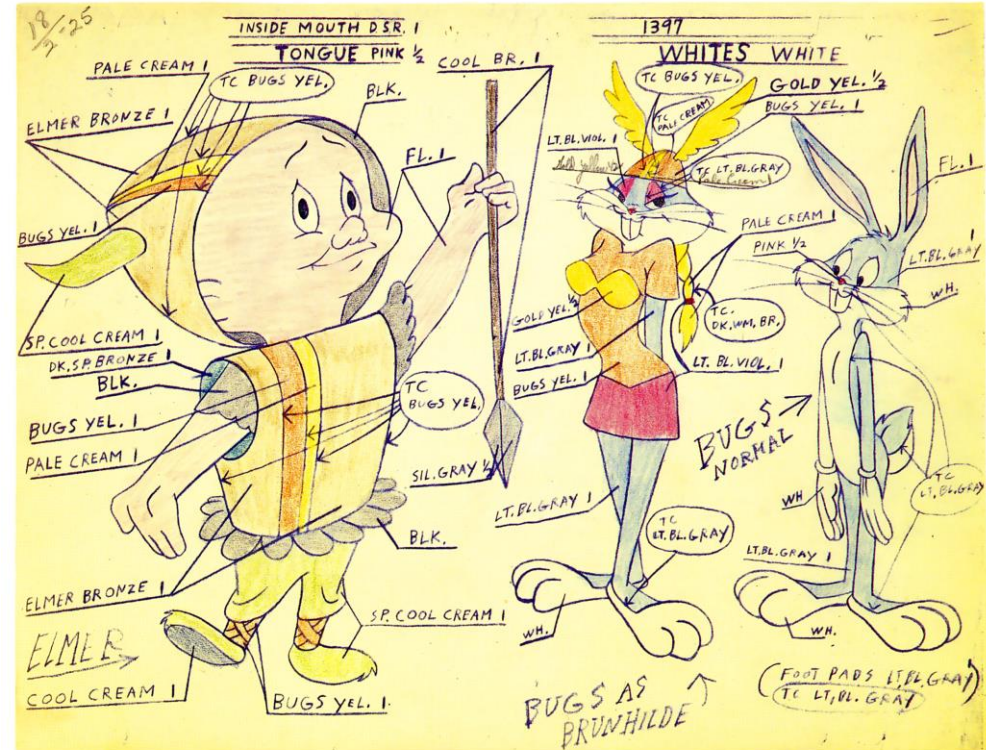


Royal Tide by Louise Nevelson 1960

There's preliminary sketching...



Botanischer Garten Plan
Image source: Wikimedia Commons



Sketch by Chuck Jones
Image source: Flickr user, x-ray_delta_one

There's labor involved...



Image source: www.geograph.org.uk



Image source: <http://www.visitphilly.com>

They inspire...



Person thoughtfully writing something down in unknown garden



Gallery of the Louvre, Samuel Morse 1831-33

They're fun...



Gardens by the Bay, Singapore



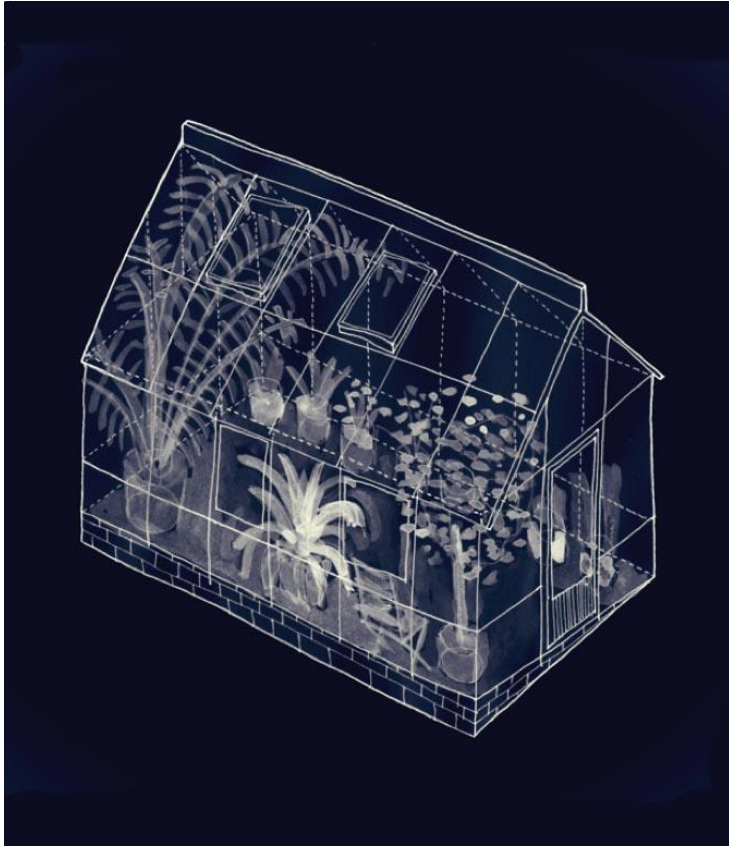
Kid making art

They're... like archaeological dig sites?



Excavation site in Caerleon, UK

GARDEN = WORK



Living Space by Ana Frois



Axonometric Views by Harriet Lee Merrion,

VRA Core Terms

- work*
- collection*
- agent
- date
- description*
- location*
- material*
- measurements
- source*
- stylePeriod
- Subject*

- title*
- worktype*
- ~~culturalContext~~
- ~~inscription~~
- ~~relation~~
- ~~rights~~
- ~~stateEdition~~
- ~~Technique~~
- ~~textRef~~

* Required

Borrowed Terms

- Borrowed Dublin Core terms to describe the image associated with the work
- Dublin Core terms used
 - title
 - subject
 - description
 - source
 - rights

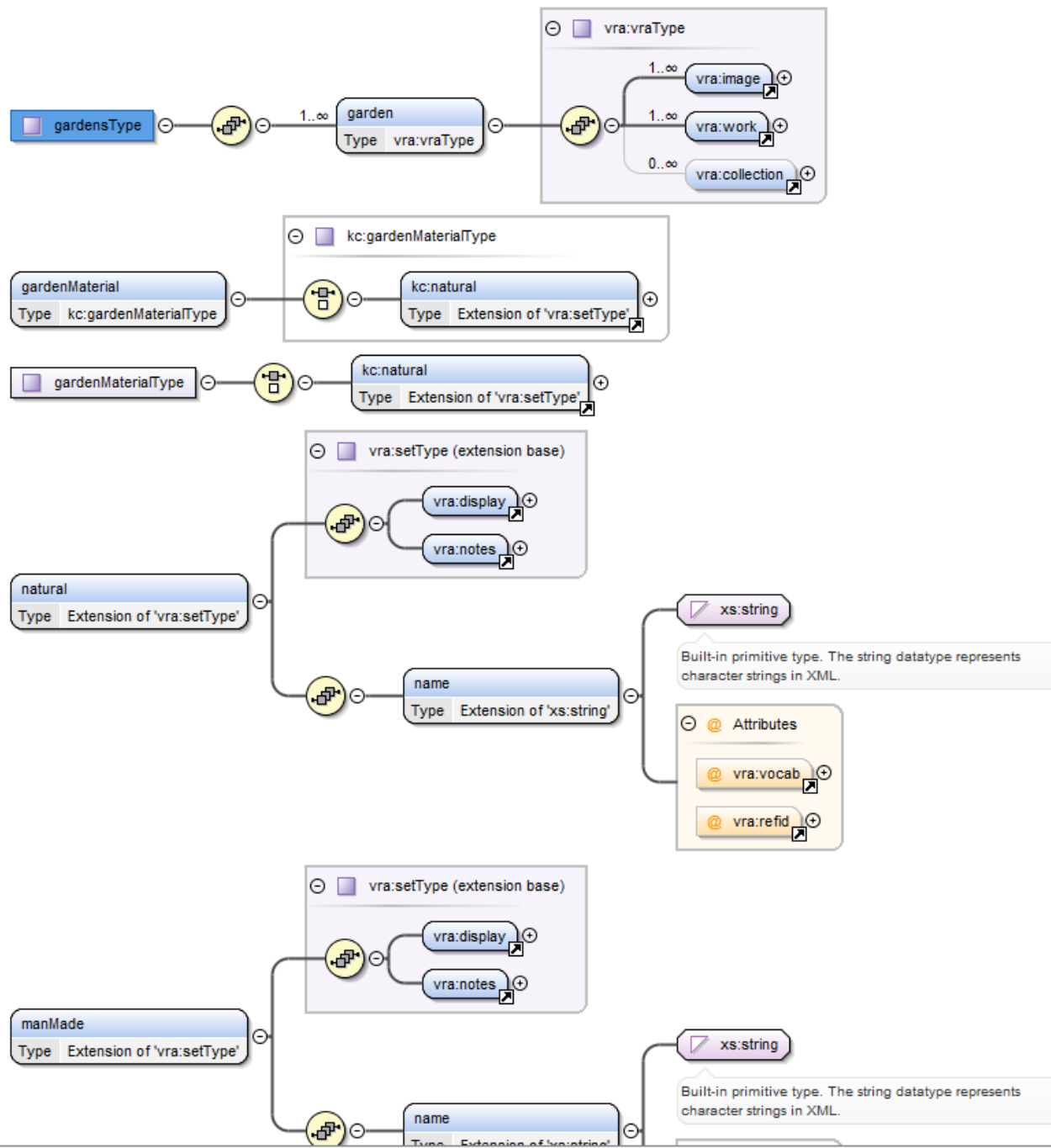
Homespun terms

- Materials
 - Manmade
 - AAT vocabulary
 - Natural
 - plant controlled vocabularies

AP Walkthrough

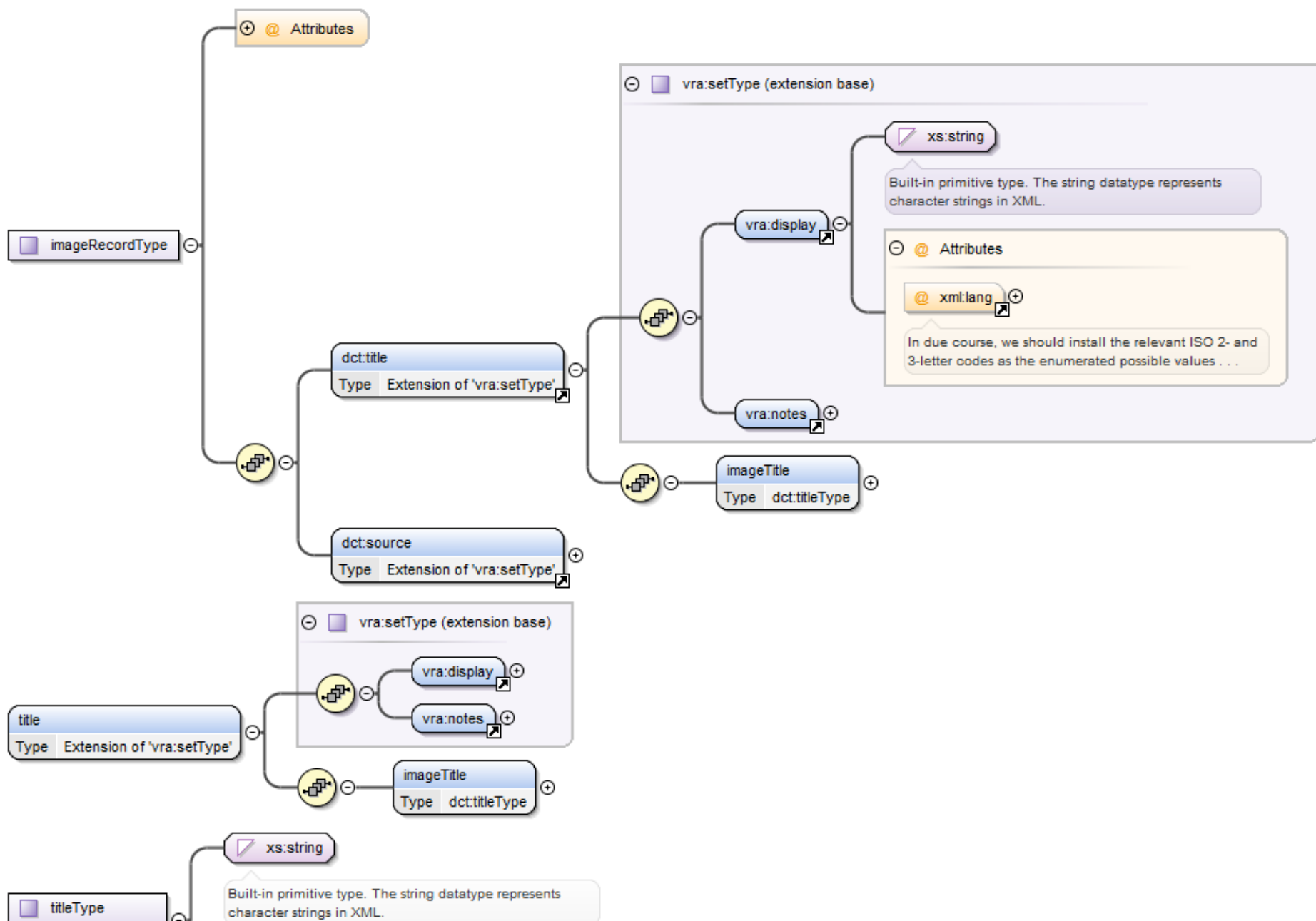
- `kellycolht-vra.xsd`
- `kellycolht-dc.xsd`
- `kellycolht-local.xsd`
- `kellycolht-ap.xsd`

import: http://www.vraweb.org/vracore/4.0 (colht_vra.xsd)



import: http://www.vraweb.org/vracore/4.0 (colht_vra.xsd)

import: http://www.w3.org/XML/1998/namespace (http://www.w3.org/2001/03/xml.xsd)



import: http://purl.org/dc/terms/ (oolht_do.xsd)

vra
Type vra:vraType

1..∞ vra:image
Type dct:imageRecordType

1..∞ vra:work
Type vra:recordType

vraType

vra:recordType

Attributes

vra:titleSet
Type vra:titleSetType

vra:agentSet
Type vra:agentSetType

vra:dateSet
Type vra:dateType

vra:descriptionSet
Type vra:descriptionSetType

vra:locationSet
Type vra:locationSetType

vra:materialSet
Type vra:materialSetType

vra:measurementSet
Type vra:measurementSetType

vra:sourceSet

vra:locationSetType
Base Type vra:setType

vra:setType (extension base)

vra:display
Type Extension of 'xs:string'

vra:notes
Type vra:basicString

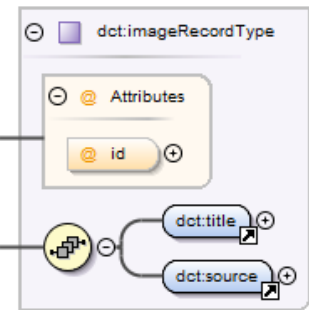
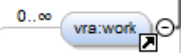
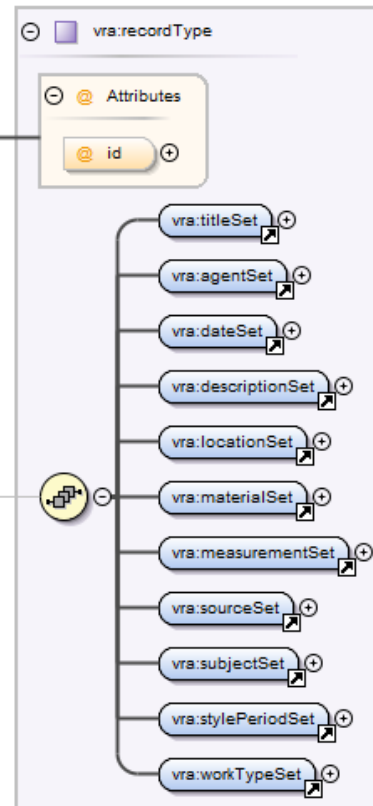
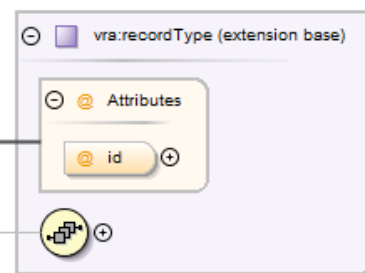
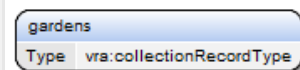
location
Type vra:locationType

vra:locationType

name

refID
Type vra:refID

Remove? Location name should say it all...



Sample Garden (work)

Title: Hidden Lake Gardens

Agent: Michigan State University

Agent: Harry Fee (benefactor)

Description:

Hidden Lake Gardens, colloquially known as Hidden Lake 755 acres (3.06 km²), is a botanical garden and an arboretum operated by Michigan State University situated in the Irish Hills of southeast Michigan. The Gardens are known for their large collection of native and nonnative trees, shrubs and flowers. HLG was given to Michigan State University by Harry Fee in 1945.[1] Today it is visited by nearly 45,000 people annually.[2] Hidden Lake Gardens mission is to preserve and enhance the natural beauty of the gardens and to display plants for the inspiration and education of the public. (via Wikipedia)

- **Material:** hostas (natural), azaleas (natural), visitors center (manmade), glacial kettleholes (natural)
- **Location:** 6214 Monroe Rd (M-50) Tipton, Michigan 49287
- **Measurements:** 200 acres (on display)
- **Source:** <http://hiddenlakegardens.msu.edu/> (official), https://en.wikipedia.org/wiki/Hidden_Lake_Gardens (Wikipedia)
- **Style:** bonsai, arboretum
- **Subject:** demonstration garden, bonsai collection, wetlands

Hidden Lake Gardens, Michigan State University



Suggestions for future developers and implementers

- Describe the gardens within gardens
- Extend instrument to gardens outside N. America
- Interview garden experts and visitors and conduct user testing
- Improve local terms
 - Include avian population and other creatures
 - Provide bloom dates for flowering plants
 - Include hours of operation and other info
 - Include geo-coordinates for mapping application
- Provide better information for future catalogers

Conclusion



A Japanese Garden in Washington, D.C.