

Ready for DITA 1.3

Alex Jitianu

alex_jitianu@oxygenxml.com



Agenda

- Key scopes
- Branch filtering
- MathML & SVG domains
- Troubleshooting specialization
- New RelaxNG XML grammars

Multiple models

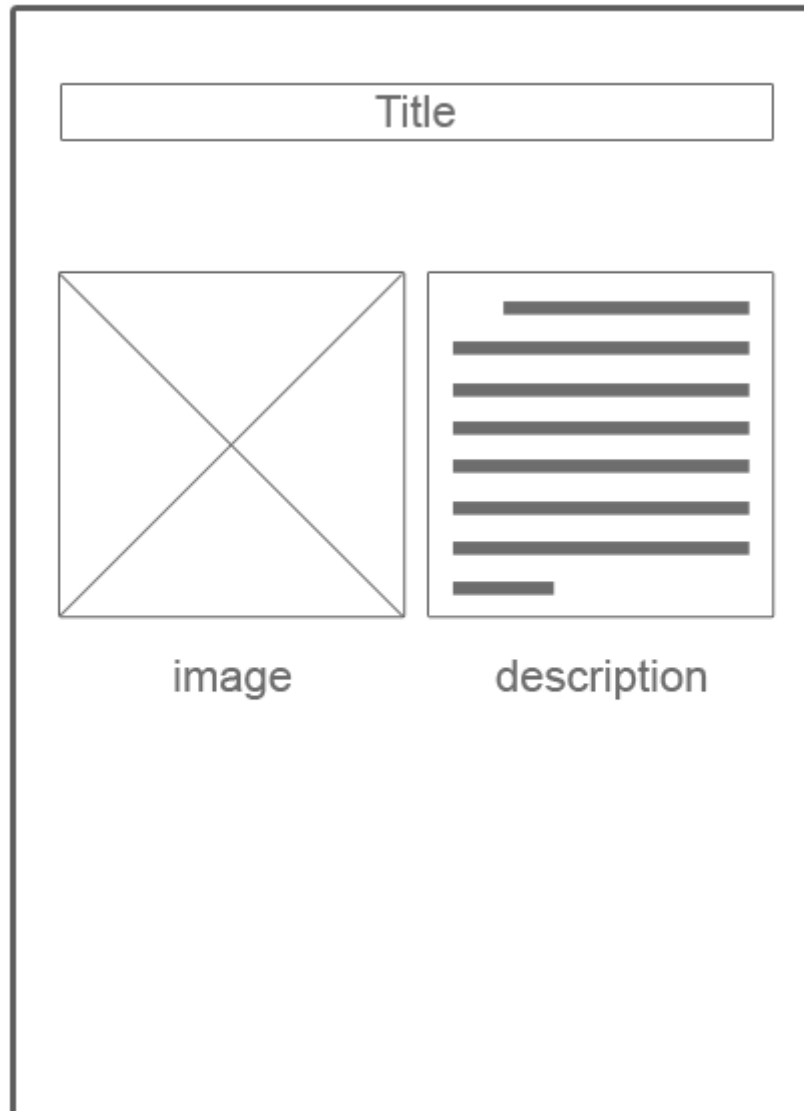


X1000

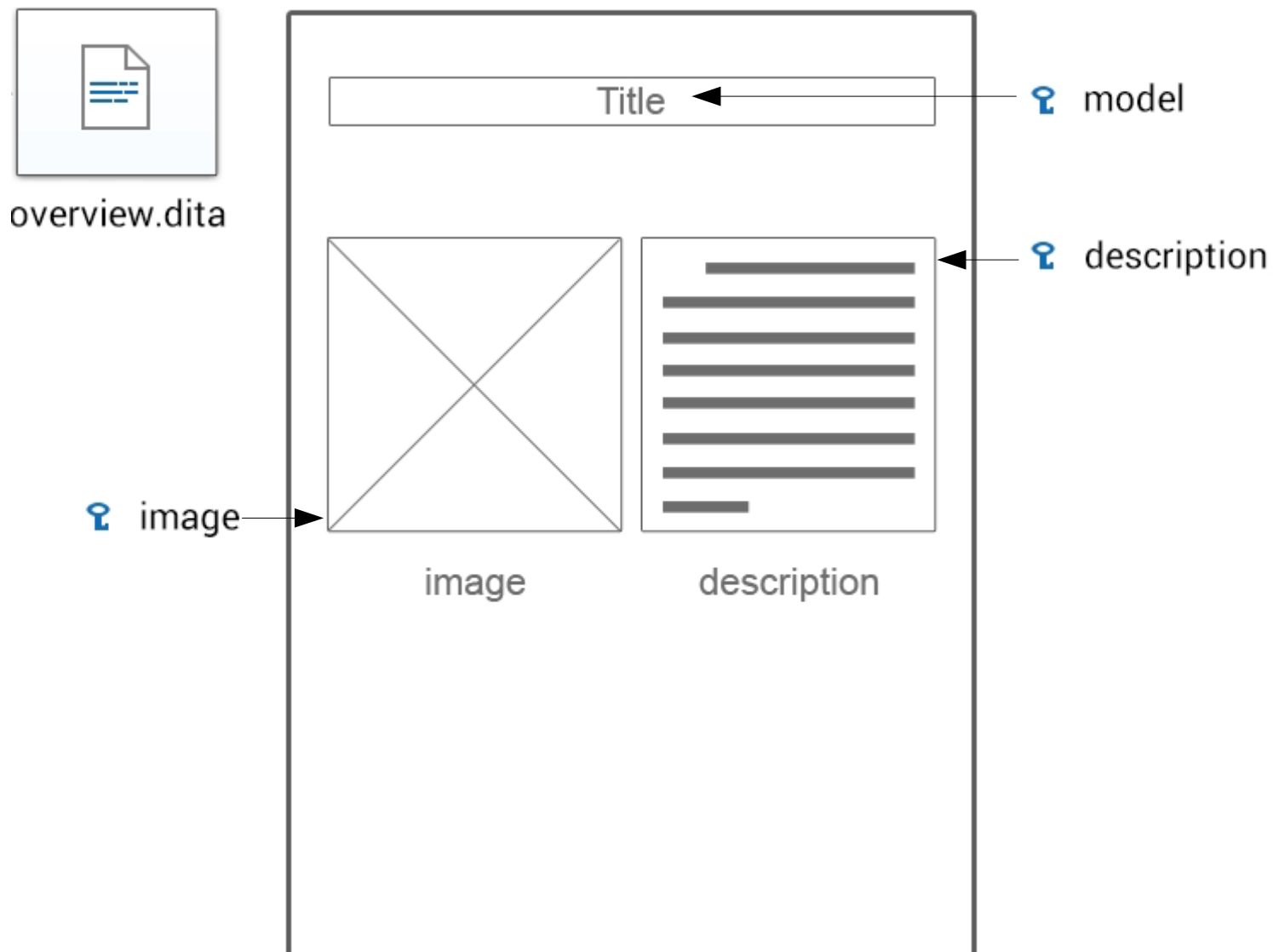


X2000

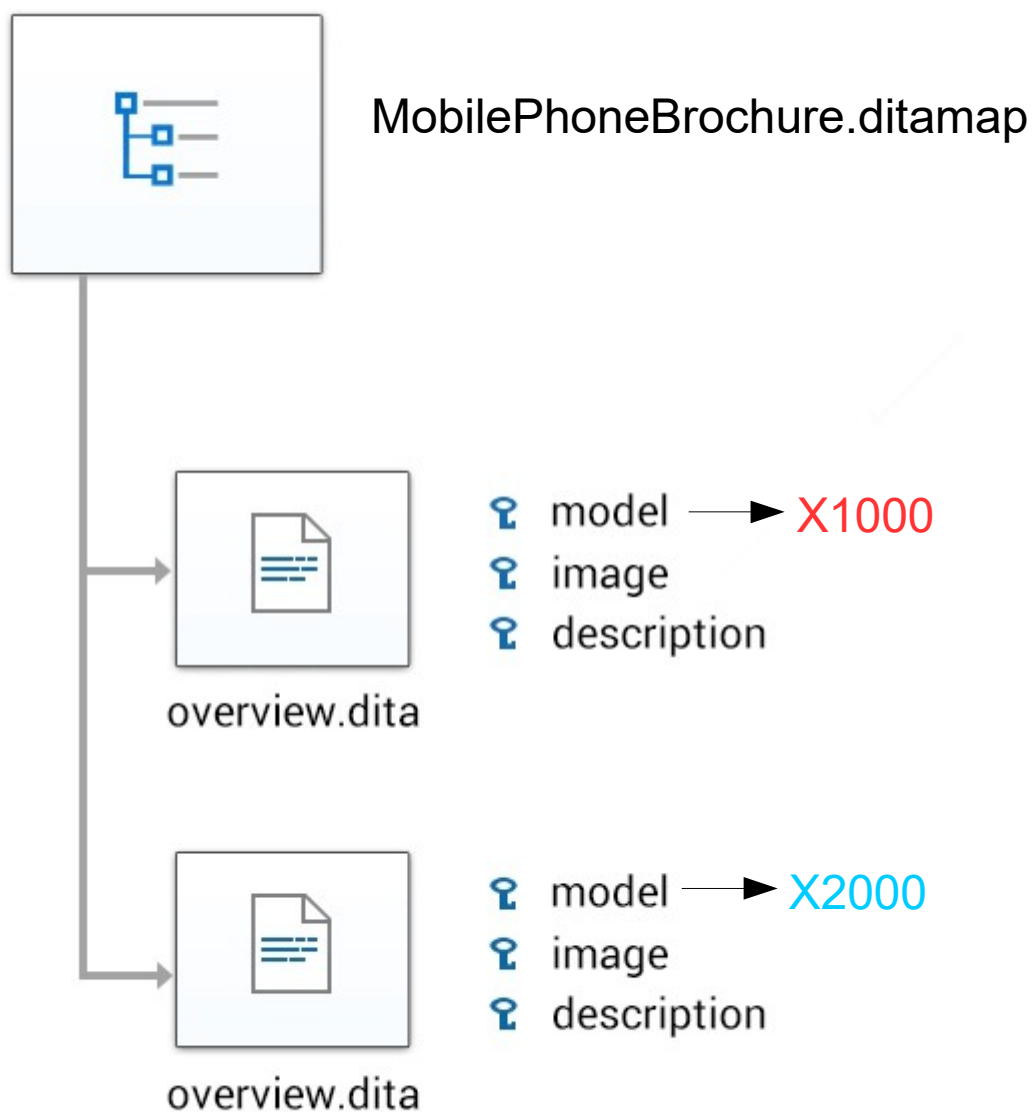
The brochure



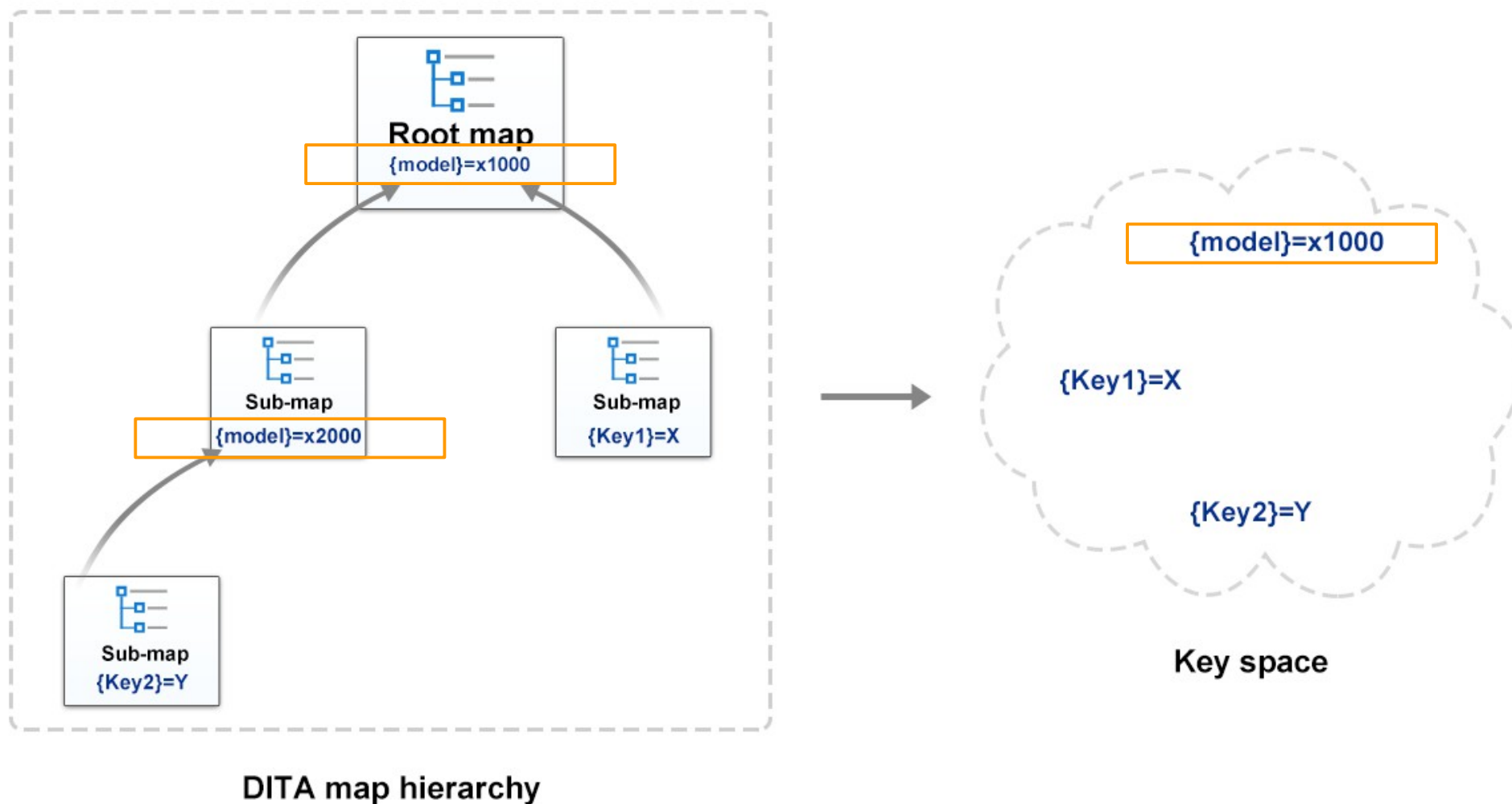
Reuse... How?



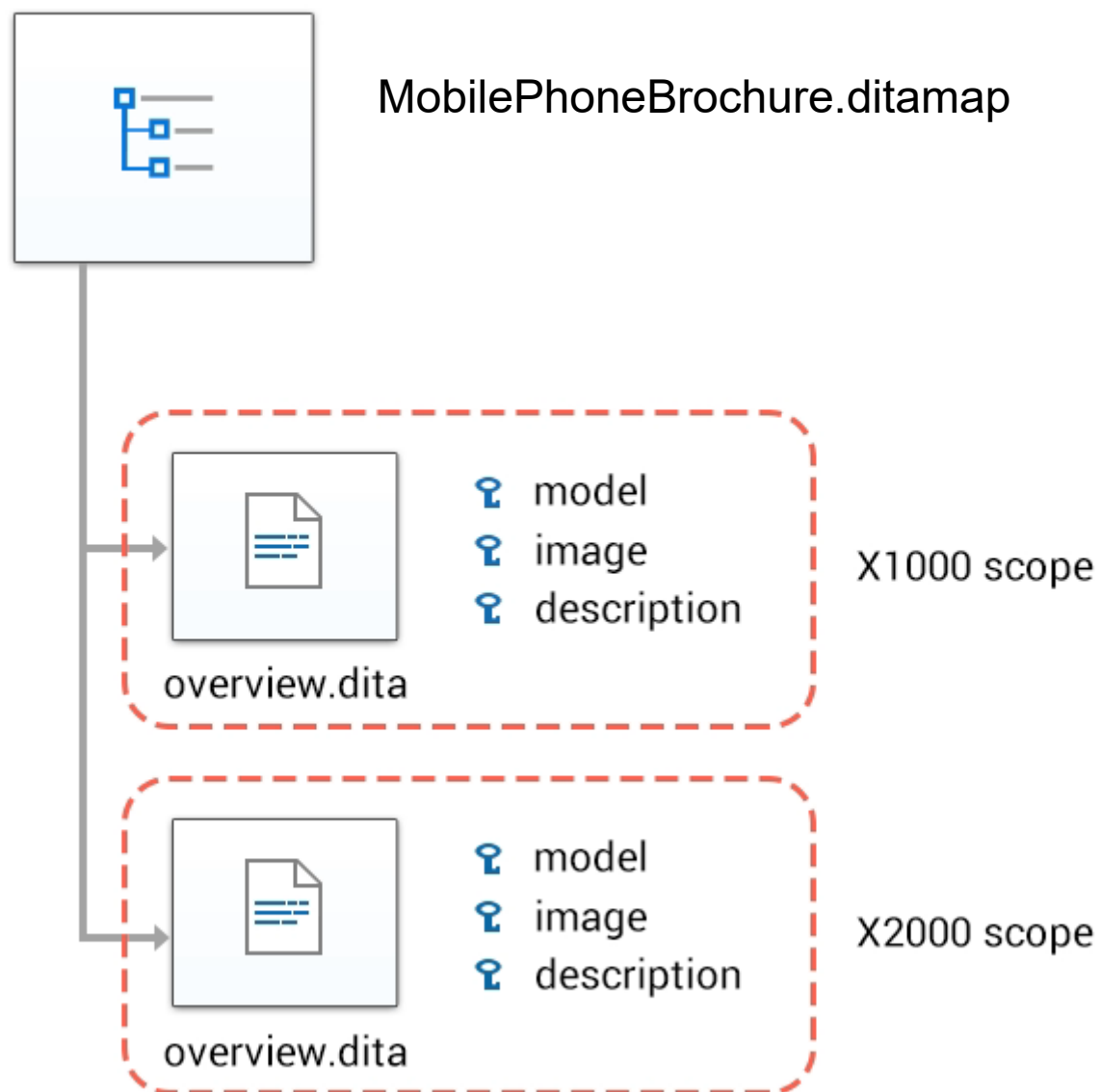
The brochure



DITA 1.2 - Key space



Key scopes

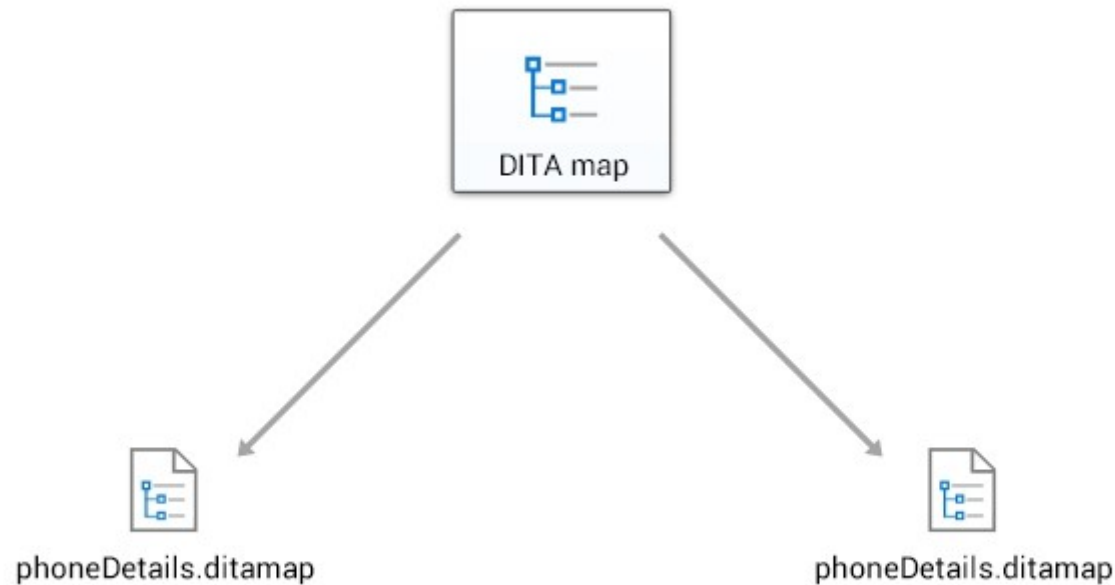


Validate and check for completeness

The brochure

- Specifications
- Color options

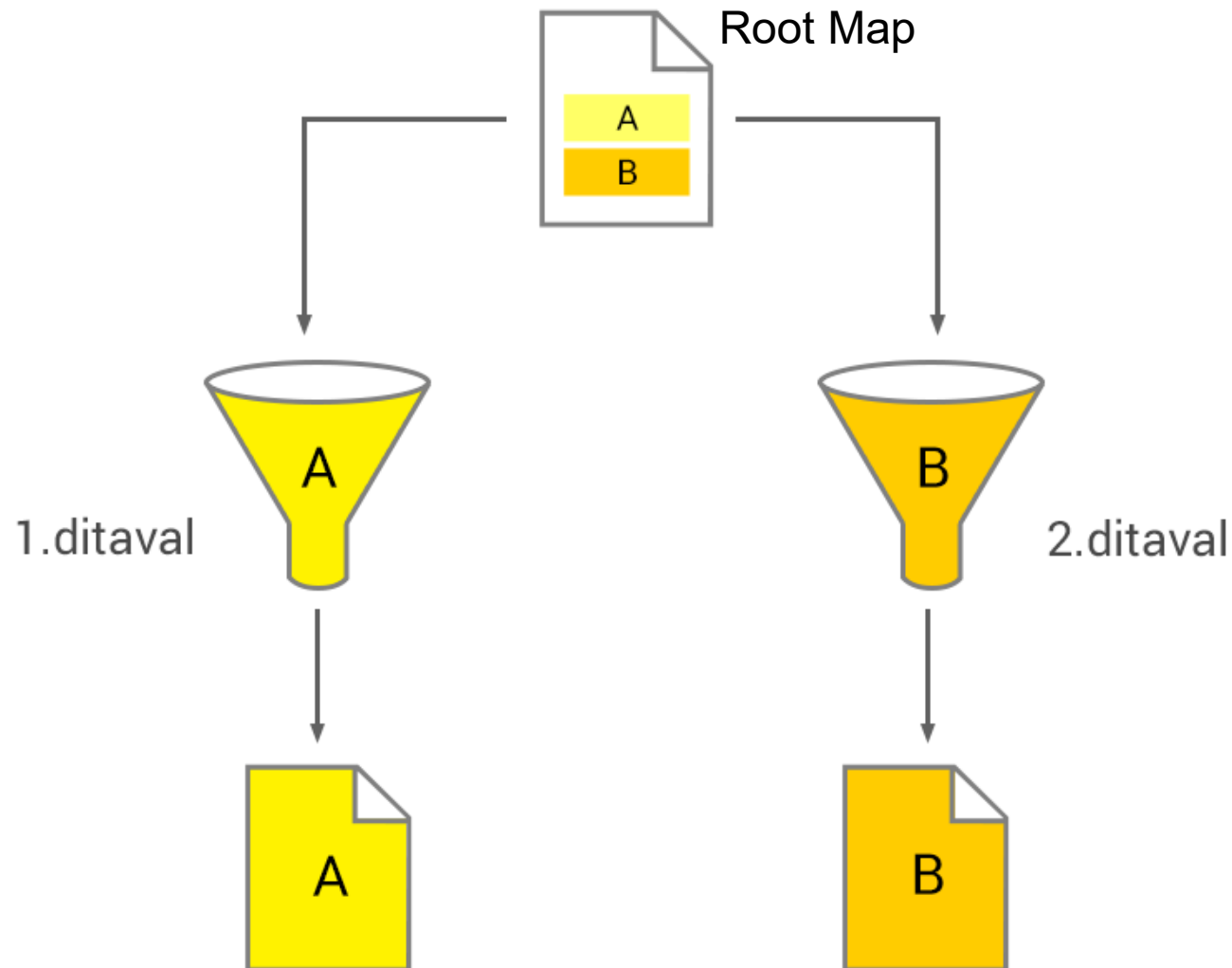
Brochure - Details



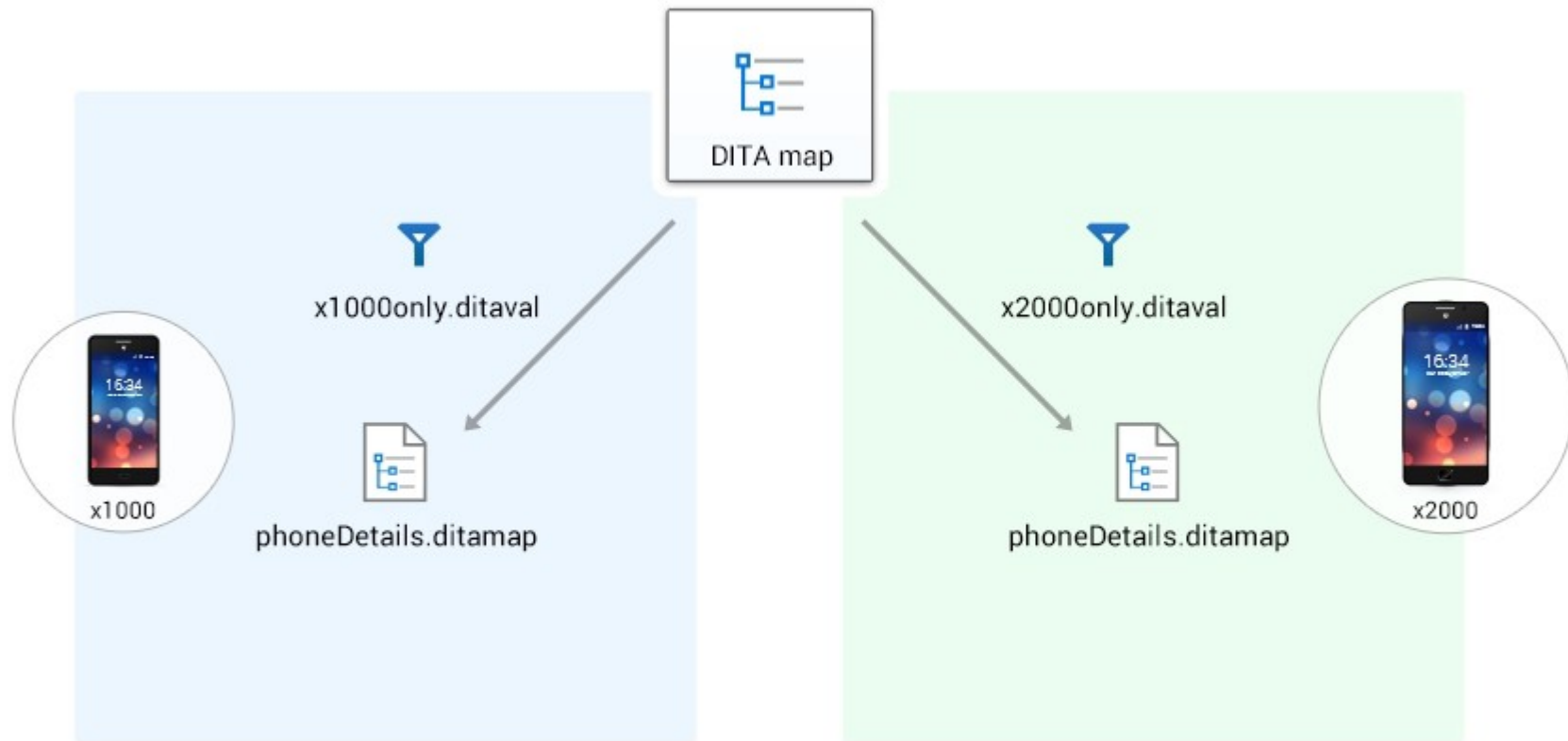
```
<li product="X1000"><ph>Ruby Red</ph></li>
<li product="X2000"><ph>Brushed Gold</ph></li>
```

```
<li product="X1000"><ph>Ruby Red</ph></li>
<li product="X2000"><ph>Brushed Gold</ph></li>
```

DITA 1.2 filtering



Branch filtering



Other features

- MathML domain `<mathml>`
- SVG domain `<svg-container>`

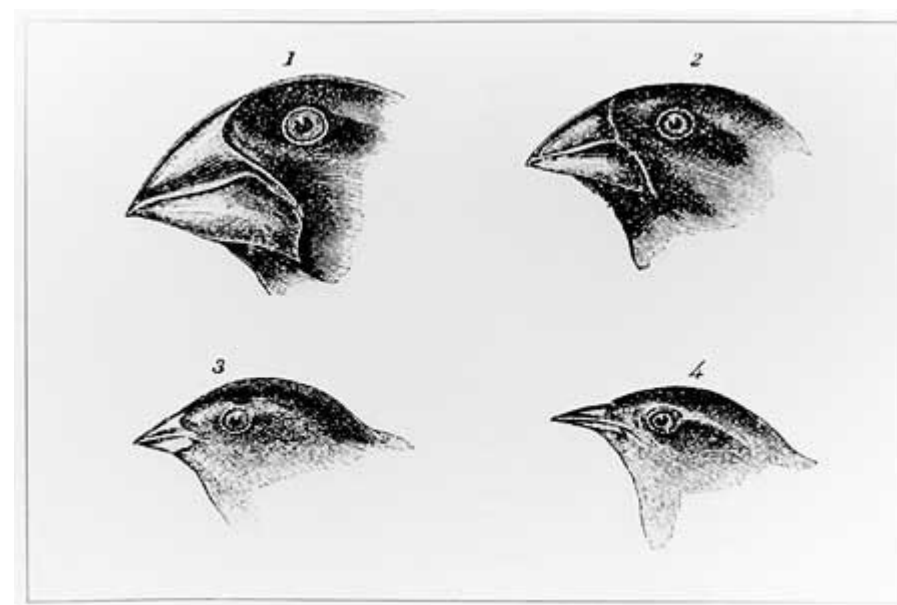
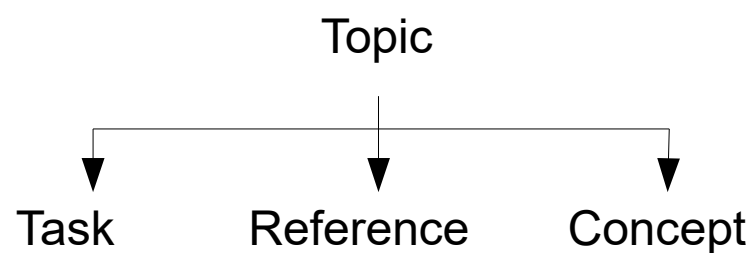
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DITA Specialization



Other features

- MathML domain <mathml>
- SVG domain <svg-container>
- Troubleshooting specialization
- New XML grammars (RelaxNG)
 - RelaxNG-based specializations & constraints

The RelaxNG constraint plugin (1)

- Use case: <section> lax model
- Use *Show Definition* to find the RNG where the <section> element is defined.
- Module which will need to be redefined:
[doctypes/rng/base/rng/topicMod.rng](#)

The RelaxNG constraint plugin (2)

Plugin folder “com.oxygenxml.section.fixes”

- “plugin.xml” - plugin configuration file
- “catalog.xml” - XML catalog

The RelaxNG constraint plugin (3)

- The constraint module: “***syncroTopicMod.rng***”
 - based on “*rng/machineryTaskbodyConstraintMod.rng*”
- The constraint shell: “***syncroTopic.rng***”
 - based on “*rng/technicalContent/rng/topic.rng*”

The RelaxNG constraint plugin (4)

- Integrate the plugin.
- Test it

Converting RelaxNG to DTD

- DITA RELAX NG conversion tools (by Eliot Kimber):

<https://github.com/dita-community/dita-rng-converter>

Thank you!

Questions?

Alex Jitianu
alex_jitianu@oxygenxml.com
@AlexJitianu