Controlling the user experience
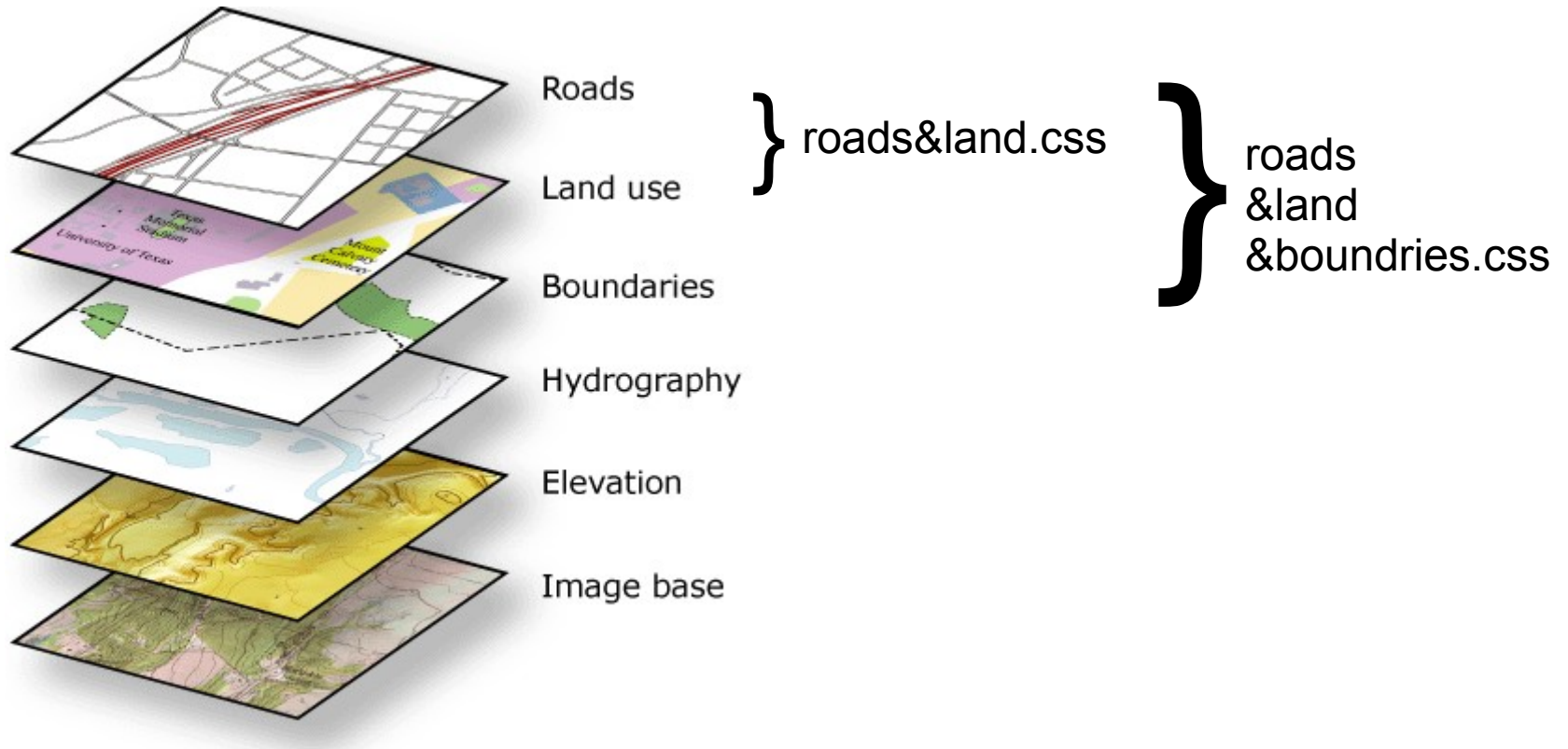## (when editing XML visually)
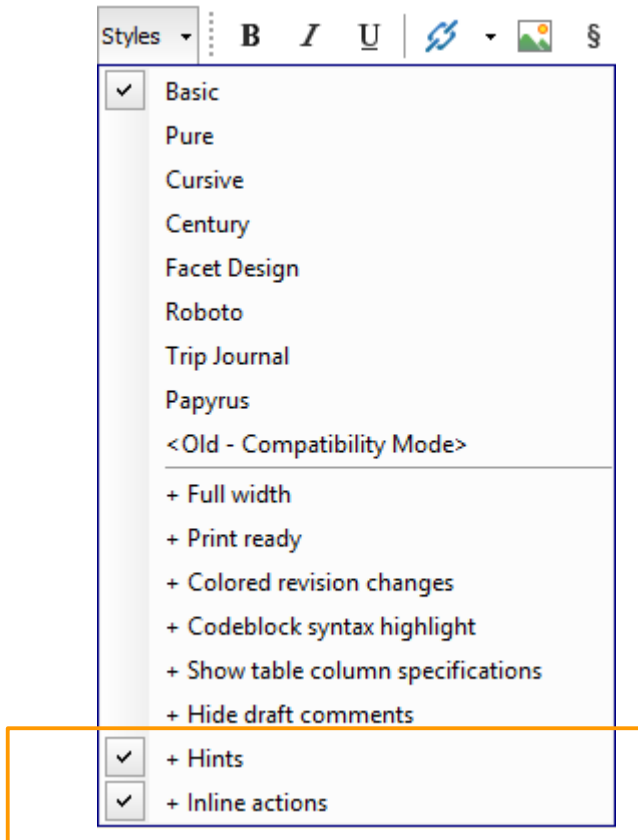
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Layers (CSS)

Roads

Land use
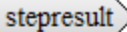
Boundaries

Hydrography

Elevation

Image base

} roads&land.css

} roads
&land
&boundries.css

Layers (CSS)

| Styles ▾ | **B** | *I* | <u>U</u> | ⑃ ▾ | 🖼 | § |

| Basic ✓ |
| Pure |
| Cursive |
| Century |
| Facet Design |
| Roboto |
| Trip Journal |
| Papyrus |
| \<Old - Compatibility Mode\> |

One main style

| + Full width |
| + Print ready |
| + Colored revision changes |
| + Codeblock syntax highlight |
| + Show table column specifications |
| + Hide draft comments |
| + Hints ✓ |
| + Inline actions ✓ |

Multiple alternate/layer styles

Layers (Static content)

stepresult [Choices] or [Choice Table] or [Information] or [Step Example] or [Substeps] or [Tutorial Information]   actions.css

Use the step result to describe the expected outcome of the current step.   hints.css

Result: **Enter the result of this step** ✕ stepresult

Layers (Static content)

actions.css

```
stepresult:before {
    content: actions_to_add
}
```

| stepresult | [Choices] or [Choice Table] or [Information] or [Step Example] or [Substeps] or [Tutorial Information] |

Use the step result to describe the expected outcome of the current step.

Result: **Enter the result of this step** ✕ stepresult

hints.css

```
stepresult:before {
    content: "Hints"
}
```

main.css

```
stepresult:before {
    content: "Result:"
}
```

Layers (Static content)

```
stepresult:before {
    -oxy-append-content: oxy_button() oxy_button()
}

stepresult:before {
    -oxy-append-content: "Hints"
}
```

Layers
::before(n) and ::after(n)

::before (6) block		
::before(5), inline		::before(2)

::before ⇔ ::before(1) block

Content

::after⇔ ::after(1), block

::after⇔ ::after(2), block

::after⇔ ::after(n), block

Layers
::before(n) and ::after(n)

```
stepresult:before(100) {
    content: oxy_button() oxy_button()
}
```

actions.css

```
stepresult:before(50) {
    content: "Hints"
}
```

hints.css

Layers (Static content)

```
task[importance='high'][audience='novice']:before {
    content: "HIGH     Importance msg \A "
              "NOVICE Audience   msg"
}

task[importance='high'][audience='expert']:before {
    content: "HIGH     Importance msg \A "
              "EXPERT Audience   msg"
}



task[importance='high']:before(10) {}

task[audience='novice']:before(5) {}
```

CSS-inline actions

Document type defined action:

```
button:before {
   content:
      oxy_button(
         /* Action defined in the framework */
         actionID, "insert.popupWithMultipleSelection");
}
```

Inline action:

```
table:after {
 content: oxy_action(
           operation, 'InsertFragmentOperation',
           name, 'Insert List',
           arg-fragment, '<ul><li/></ul>');
}
```

CSS "position" property

- **Absolute** (blocks only)

- **Fixed** (blocks only)

- **Relative**

CSS "outline" property

```
para:hover {
  outline:10px dotted blue;
}
```

CSS "text-indent" property

- **Hanging indents**

```
para {
    margin: 20px;
    text-indent: -20px;
}
```

CSS "focus-within" pseudo-class

```
p:focus-within {
    content: oxy_button(action, oxy_action(
        name, ' [B] ',
        operation, "SurroundWithFragmentOperation",
        arg-fragment, '<b/>'),
        transparent,true,
        actionContext, caret)
}


p:focus, p! > *:focus, p! > * > *:focus {}
```

Smart editing

- Schema-driven solutions

  - Wrap in parents

  - Search for valid context

- Document type specific solutions

  - A section usually has a title and a paragraph

  - Put invalid text inside a new "Paragrah"

Smart editing
- schema-driven solutions -

- Wrap in parents

- Search for valid context

Smart editing
- document specific solutions -

- A section usually has a title and a paragraph
- Put invalid text inside a new "Paragrah"

ro.sync.ecss.extensions.api.AuthorSchemaAwareEditingHandler
- handlePaste()
- handleDelete()
…....................
…....................

Thank you!

Questions?

XML Editor
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