

Parameter annotations for DITA-OT plugins

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Problem

- Applications cannot discover all available transformation types contributed by installed plugins.
- Applications cannot discover and present to users parameters contributed by transtypes installed in the DITA OT.
- DITA OT Documentation is only place to look for common plugin parameter names, possible values and descriptions.

Feature Request

Add metadata for each DITA OT plugin describing all transtypes and parameters contributed by it:

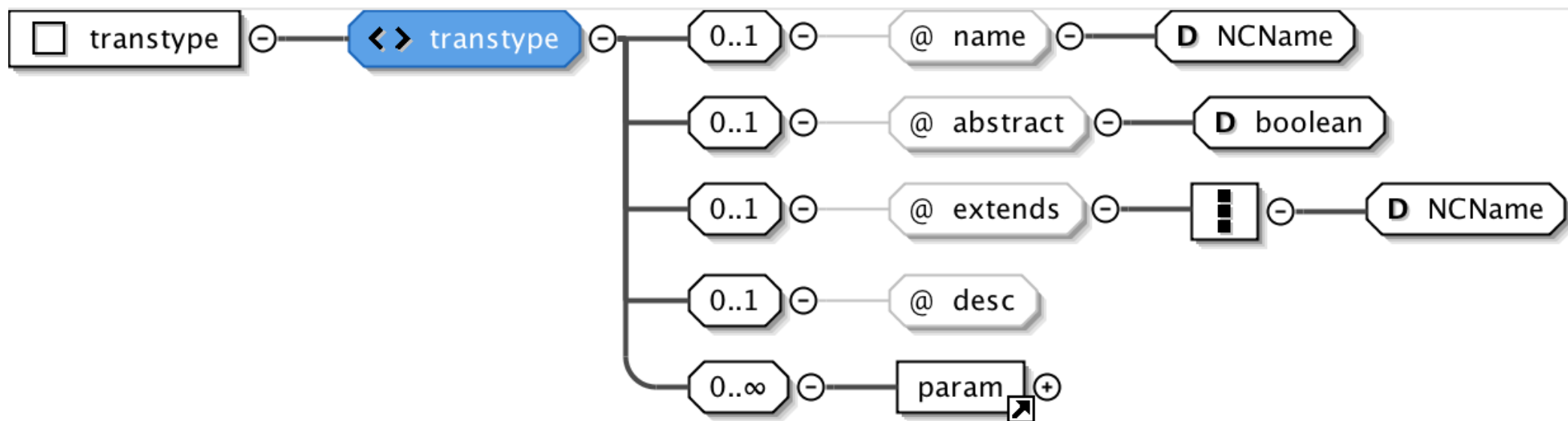
<https://github.com/dita-ot/dita-ot/issues/1757>

Solution (1)

- Each `plugin.xml` can declare contributed transtypes:

```
<transtype name="xhtml" extends="base-html" desc="HTML">
```

Each transtype declares its name, description and the transtypes that it extends.

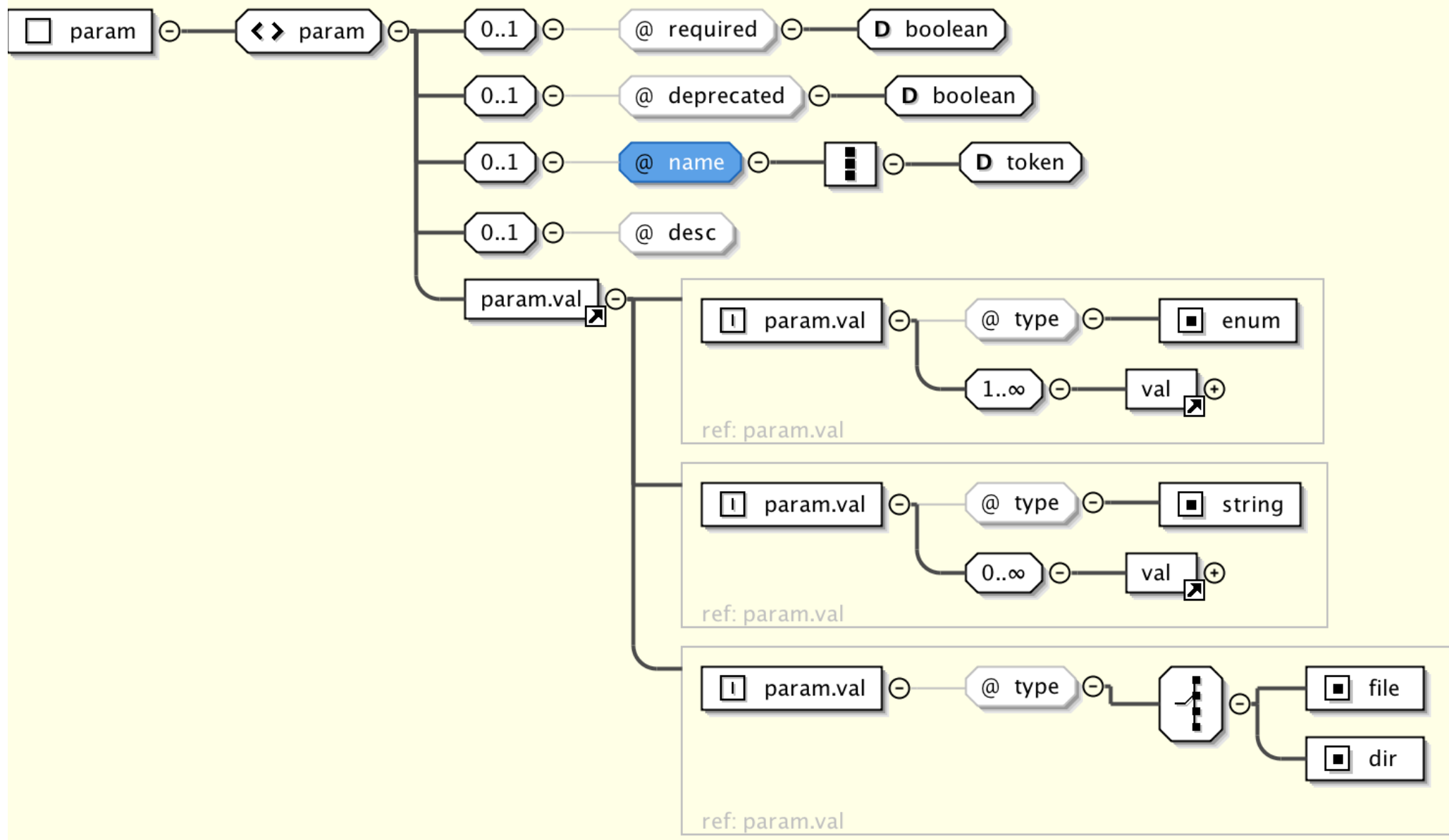


Solution (2)

- For each **transtype** the plugin configuration advertises available parameters:

```
<param name="args.indexshow" desc="Specifies ....."  
type="enum">  
  <val>yes</val>  
  <val default="true">no</val>  
</param>
```

Each parameter has a name, description and information about the default and the allowed set of values.



Conclusions

- Your DITA OT plugin can advertise directly in the configuration file the transtypes and parameters that it provides.
- Just integrating a plugin annotated with this metadata in the DITA OT makes all its features available to the application.
- DITA OT documentation for parameters can be automatically generated.

Thank You!

Questions?

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