

convert-rdf

Command Reference

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1. Description

Convert type and module rdf to type.xml.

Workbench uses RDF as its model representation format and serializes model data into two RDF/XML files: type.rdf and module.rdf. This utility command will convert type and module RDF files into the type.xml format.

If the `-basedir` and `-type` options are specified, then the type.xml file is generated into that directory, and the module and type rdf are looked for in there as well. First "type.rdf" and "module.rdf" are looked for, then "type.n3" and "module.n3".

If `basedir` is not specified, then all three options `modulerrdf`, `typerdf`, and `output` must be specified.

`rdfformat` defaults to "RDF/XML", but if `basedir` is specified, "N3" will be used if "type.n3" and "module.n3" exist and the "*.rdf" files do not.

Examples

Most args of `convert-rdf` can be left out if the RDF is in the `basedir/type` directory. If *TypeX* contained a type.rdf and module.rdf file but no type.xml, the following file structure would be seen:

- TypeX/
 - type.rdf ;# type definition file
 - module.rdf ;# command definition file
 - commands/
 - objects/
 - templates/

The command would just need the `-type` option:

```
ctl -p project -t ProjectBuilder -o name -c convert-rdf -- -type
TypeX
```

2. Usage

```
ctl -t ProjectBuilder -o <objectname> -c convert-rdf [-basedir
<>] [-modulerrdf <>] [-output <>] [-rdfformat <RDF/XML>]
[-removerdf] [-targetdir <>] [-type <>] [-typerdf <>]
```

2.1. Options

Option	Description	Type	Default
basedir	<i>directory to look for type.rdf and module.rdf</i>	string	<code>\${entity.attribute.basedir}</code>
modulerdf	<i>module rdf file</i>	string	
output	<i>destination for type.xml file</i>	string	
rdfformat	<i>rdf format</i>	string	RDF/XML
removerdf	<i>remove the typerdf and modulerdf file after the type.xml file has been generated</i>	boolean	
targetdir	<i>directory to write artifacts</i>	string	<code>\${entity.attribute.targetdir}</code>
type	<i>type name</i>	string	
typerdf	<i>type rdf file</i>	string	