

Generating XML Output While Avoiding CFMX DevNet Watermark

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Related Categories: ColdFusion, Macromedia

The ColdFusion MX 6.1 DevNet Product Edition, available with a **Macromedia DevNet Subscription**, is a full Enterprise Edition version of ColdFusion MX 6.1 available to multiple IPs, but intended for development purposes only. Compare this to the Developer Edition which also has all Enterprise functionality, but is restricted to handling requests from just one IP address.

The ColdFusion MX DevNet Edition license agreement does not permit using this edition in production, and at runtime the DevNet Edition injects a "watermark" into the generated output from a template. The watermarks can be seen as an additional META tag as shown here:

```
"ColdFusionMXEdition" CONTENT="ColdFusion DevNet Edition - Not for Production Use.">
```

While this watermark does not adversely affect generated html output, it can break generated xml well-formedness if you're not careful. To avoid the watermark being added to generated xml output be sure to set the content-type to "text/xml" in your template. If you generate xml and output it without setting the content-type to "text/xml", then the xml will get the watermark and when the browser's built-in parser attempts to style the xml for display it will generate an error. The error provided by MSIE 6.02 is the following:

```
The XML page cannot be displayed
Cannot view XML input using XSL style sheet. Please
correct the error and then click the Refresh button, or try again later.
-----
The following tags were not closed: META.
```

I've written this **example** which you can download and test yourself. The test has the following four options:

1. [ok] view generated xml from a cfm with content type set to type/xml (no watermark)

```

<?xml version="1.0" encoding="UTF-8" ?>
- <crew starShip="USS Enterprise-A" starShip_ID="NCC 1701-A">
- <crewmember rank="Captain" starfleetSerialNumber="SM831-3840">
  <name>James Kirk</name>
</crewmember>
- <crewmember rank="Executive Officer" starfleetSerialNumber="656-582B">
  <name>Mr. Spock</name>
</crewmember>
- <crewmember rank="Doctor" starfleetSerialNumber="SM831-3840">
  <name>Leonard 'Bones' McCoy</name>
</crewmember>
- <crewmember rank="Chief Engineer" starfleetSerialNumber="SE197-514">
  <name>Montgomery 'Scotty' Scott</name>
</crewmember>
- <crewmember rank="Lieutenant" starfleetSerialNumber="SK2531-1122">
  <name>Nyota Uhura</name>
</crewmember>
</crew>

```

- [error] view generated xml from a cfm without any content type set explicitly, which defaults to text/html (has watermark)

The XML page cannot be displayed

Cannot view XML input using XSL style sheet. Please correct the error and then click the [Refresh](#) button, or try again later.

The following tags were not closed: META.

- [ok] view xslt output of generated xml (has watermark)
-

- **Name: James Kirk**
 - Rank: Captain
 - Starfleet Serial Number: SM831-3840

- **Name: Mr. Spock**
 - Rank: Executive Officer
 - Starfleet Serial Number: 656-582B

- **Name: Leonard 'Bones' McCoy**
 - Rank: Doctor
 - Starfleet Serial Number: SM831-3840

- **Name: Montgomery 'Scotty' Scott**
 - Rank: Chief Engineer
 - Starfleet Serial Number: SE197-514

- **Name: Nyota Uhura**
 - Rank: Lieutenant
 - Starfleet Serial Number: SK2531-1122

- [ok] view xml dump (has watermark)

Existing Crew and Roster Additions - xml document [short version]								
crew	XmlText							
	XmlAttributes	<table border="1"> <tr><td colspan="2">struct</td></tr> <tr><td>starShip</td><td>USS Enterprise-A</td></tr> <tr><td>starShip_ID</td><td>NCC 1701-A</td></tr> </table>	struct		starShip	USS Enterprise-A	starShip_ID	NCC 1701-A
struct								
starShip	USS Enterprise-A							
starShip_ID	NCC 1701-A							
crewmember	XmlText							
	XmlAttributes	<table border="1"> <tr><td colspan="2">struct</td></tr> <tr><td>rank</td><td>Captain</td></tr> <tr><td>starfleetSerialNumber</td><td>SM831-3840</td></tr> </table>	struct		rank	Captain	starfleetSerialNumber	SM831-3840
	struct							
rank	Captain							
starfleetSerialNumber	SM831-3840							
name	XmlText James Kirk							
crewmember	XmlText							
	XmlAttributes	<table border="1"> <tr><td colspan="2">struct</td></tr> <tr><td>rank</td><td>Executive Officer</td></tr> <tr><td>starfleetSerialNumber</td><td>656-582B</td></tr> </table>	struct		rank	Executive Officer	starfleetSerialNumber	656-582B
	struct							
rank	Executive Officer							
starfleetSerialNumber	656-582B							
name	XmlText Mr. Spock							
crewmember	XmlText							
	XmlAttributes	<table border="1"> <tr><td colspan="2">struct</td></tr> <tr><td>rank</td><td>Doctor</td></tr> <tr><td>starfleetSerialNumber</td><td>SM831-3840</td></tr> </table>	struct		rank	Doctor	starfleetSerialNumber	SM831-3840
	struct							
rank	Doctor							
starfleetSerialNumber	SM831-3840							
name	XmlText Leonard 'Bones' McCoy							
crewmember	XmlText							
	XmlAttributes	<table border="1"> <tr><td colspan="2">struct</td></tr> <tr><td>rank</td><td>Chief Engineer</td></tr> <tr><td>starfleetSerialNumber</td><td>SE197-514</td></tr> </table>	struct		rank	Chief Engineer	starfleetSerialNumber	SE197-514
	struct							
rank	Chief Engineer							
starfleetSerialNumber	SE197-514							
name	XmlText Montgomery 'Scotty' Scott							
crewmember	XmlText							
	XmlAttributes	<table border="1"> <tr><td colspan="2">struct</td></tr> <tr><td>rank</td><td>Lieutenant</td></tr> <tr><td>starfleetSerialNumber</td><td>SK2531-1122</td></tr> </table>	struct		rank	Lieutenant	starfleetSerialNumber	SK2531-1122
	struct							
rank	Lieutenant							
starfleetSerialNumber	SK2531-1122							
name	XmlText Nyota Uhura							

If using a ColdFusion MX DevNet License, the solution for generating xml without the DevNet watermark is to set the content type to text/xml. The solution for generating plaintext files without the DevNet watermark is to set the content type to text/plain.

[Download Example](#) (doesn't work in cfm 7 as is)

Available as [Technote](#)