

Scheduling Services in ColdFusion 10

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About Me



- Jeff Coughlin (jeff@jeffcoughlin.com)
- Certified advanced ColdFusion Developer
- Adobe User Group Manager (Hartford CT, USA)
- Versatile Internet Solutions, LLC, owner
- Working in CF since 1999
- Network Engineer for 7 years before working in ColdFusion

What's so Great About Scheduled Tasks?

- Automate events at scheduled intervals
- Can be managed through the CF Administrator or in code.

Creating Tasks

Server Settings > Add/Edit Scheduled Task

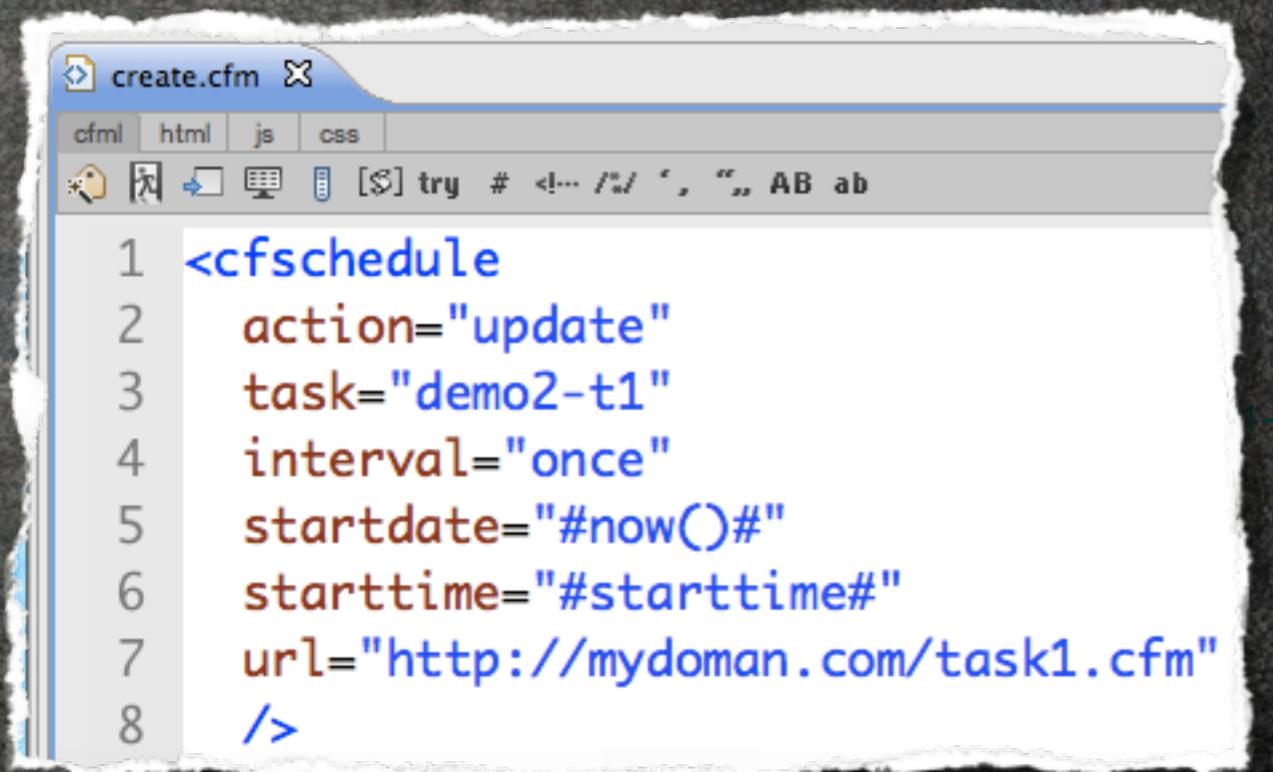
Add/Edit Scheduled Task

Task Name	demo1-t1	
Group	default	
The group to which the task belongs.		
Duration	Start Date 06/08/201	End Date (optional)
Frequency	<input checked="" type="radio"/> One-Time at 4:06 PM	
	<input type="radio"/> Recurring Daily at <input type="text"/>	

- Demo 1: Creating and modifying tasks through the CF administrator web interface



Creating Tasks



A screenshot of a code editor window titled "create.cfm". The window has tabs for "cfml", "html", "js", and "css". Below the tabs, there are icons for file operations like new, open, save, and delete. The code editor displays the following CFML code:

```
1 <cfschedule  
2   action="update"  
3   task="demo2-t1"  
4   interval="once"  
5   startdate="#now()#"  
6   starttime="#starttime#"  
7   url="http://mydoman.com/task1.cfm"  
8 />
```

The code defines a scheduled task named "demo2-t1" that runs once immediately, pointing to the URL "http://mydoman.com/task1.cfm".

- Demo 2: Creating and modifying tasks with code

What's new in CF 10?

- New engine: Quartz enterprise job scheduler
(quartz-scheduler.org)
- Grouping
- Application-specific tasks
- Chaining
- List Tasks

What's new in CF 10?

- Demo 3: Grouping
- Application-specific tasks
- Pause/resume by group



What's new in CF 10?

- Demo 4: Chaining



What's new in CF 10?

- Demo 5: List Tasks by server/application



New in ColdFusion 10

- onMisfire / onException
- Cluster
- Cron Expressions
- <http://bit.ly/quartzCronTrigger>
- Date Exclusions

What's new in CF 10?

- Demo 6: Event Handling
(event listeners)

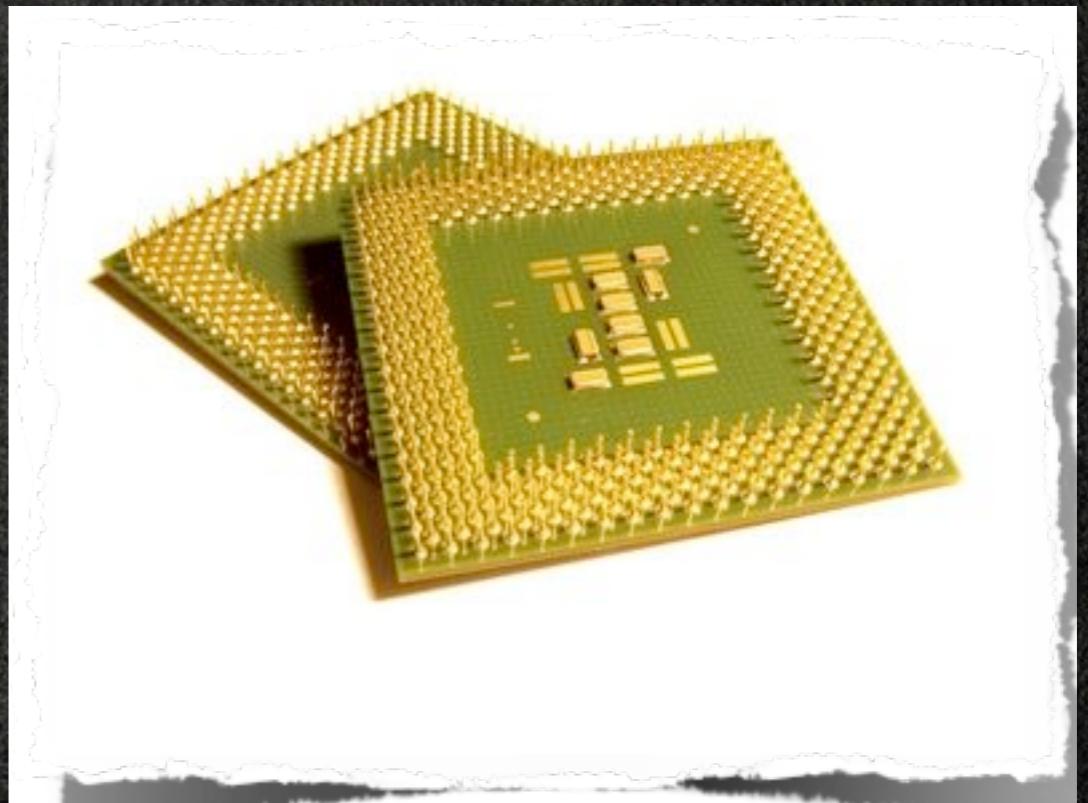


What's new in CF 10?

- Prioritize Tasks
- Repeat Tasks
- Retry
- Overwrite output

What's new in CF 10?

- Demo 6: Use Cases
CPU Monitoring
- Pause all / Resume all

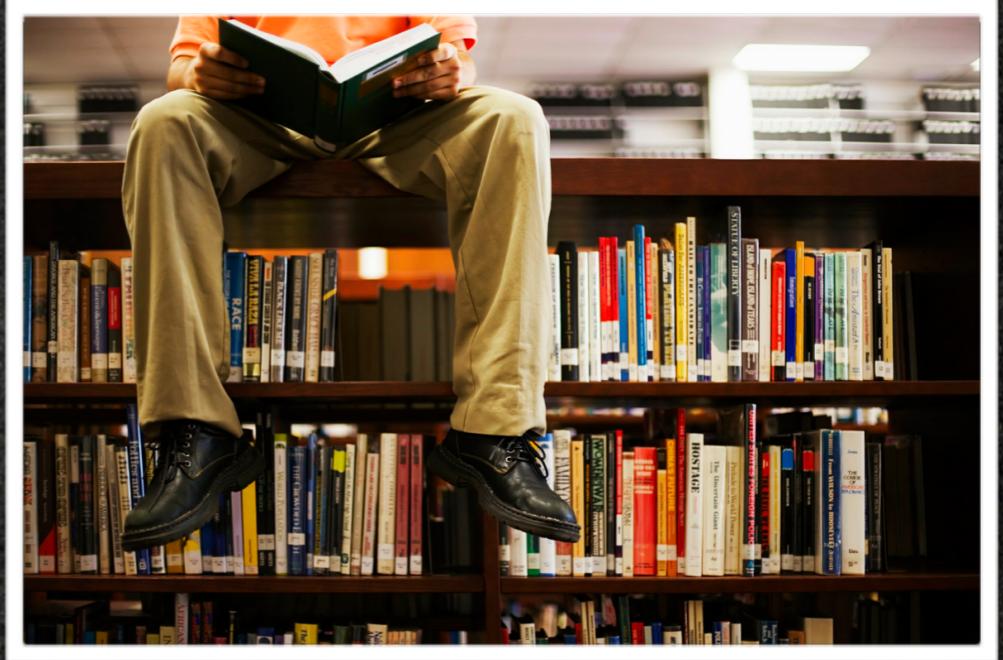




<Questions />

Resources

- CF10 Scheduler Docs
<http://adobe.ly/cfschedule>
- Using Scheduler
<http://adobe.ly/using-scheduler>
- CF 10 Docs
<http://adobe.ly/cf10docs>
- Quartz 2.x Docs
<http://bit.ly/quartz2>
- Jeff Coughlin:
<http://jeffcoughlin.com/blog>
twitter: @jeffcoughlin



- Special Thanks to:
- Guust Nieuwenhuis
- Sean Coyne
- Download:
http://bit.ly/preso_cf10schedulerfiles