

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: 06/08/2011 End Date (optional):

Frequency:

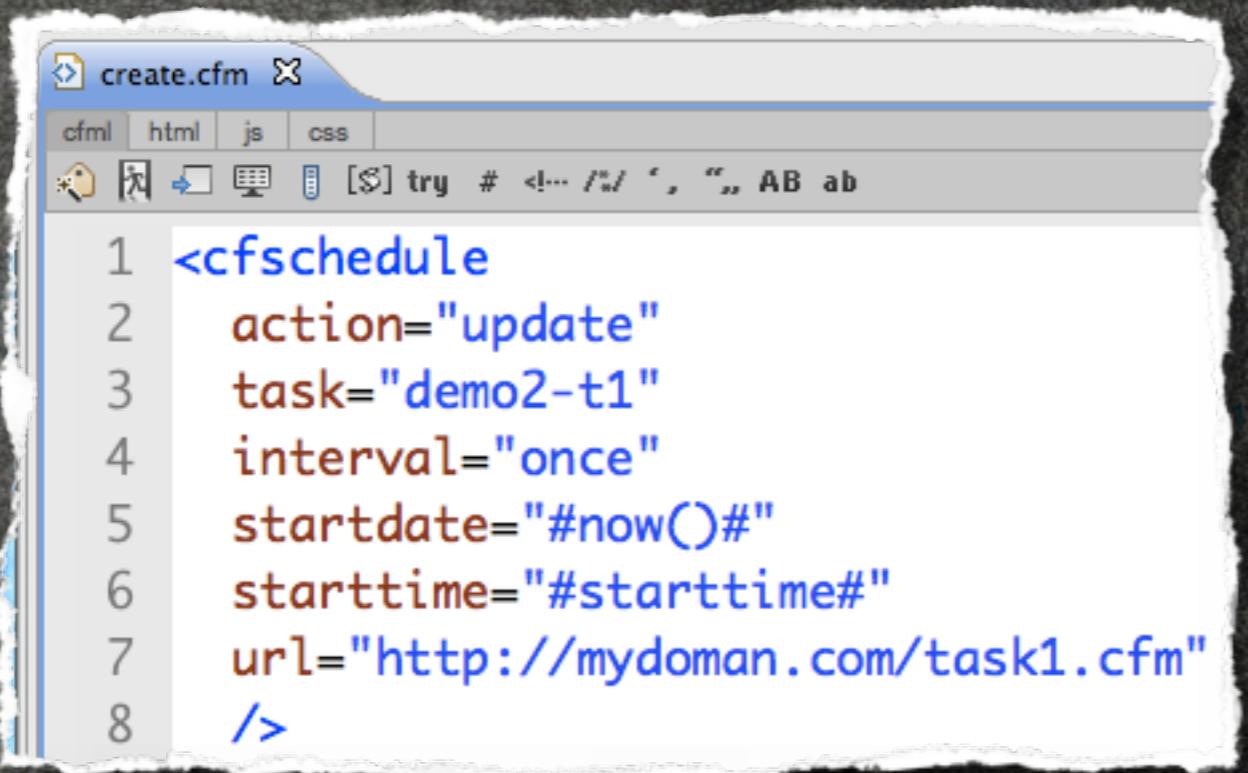
One-Time at: 4:06 PM

Recurring: Daily at:

- Demo I: 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". 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. It points to a 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

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

What's new in CF 10?

- Demo 6: Event Handling
(event listeners)

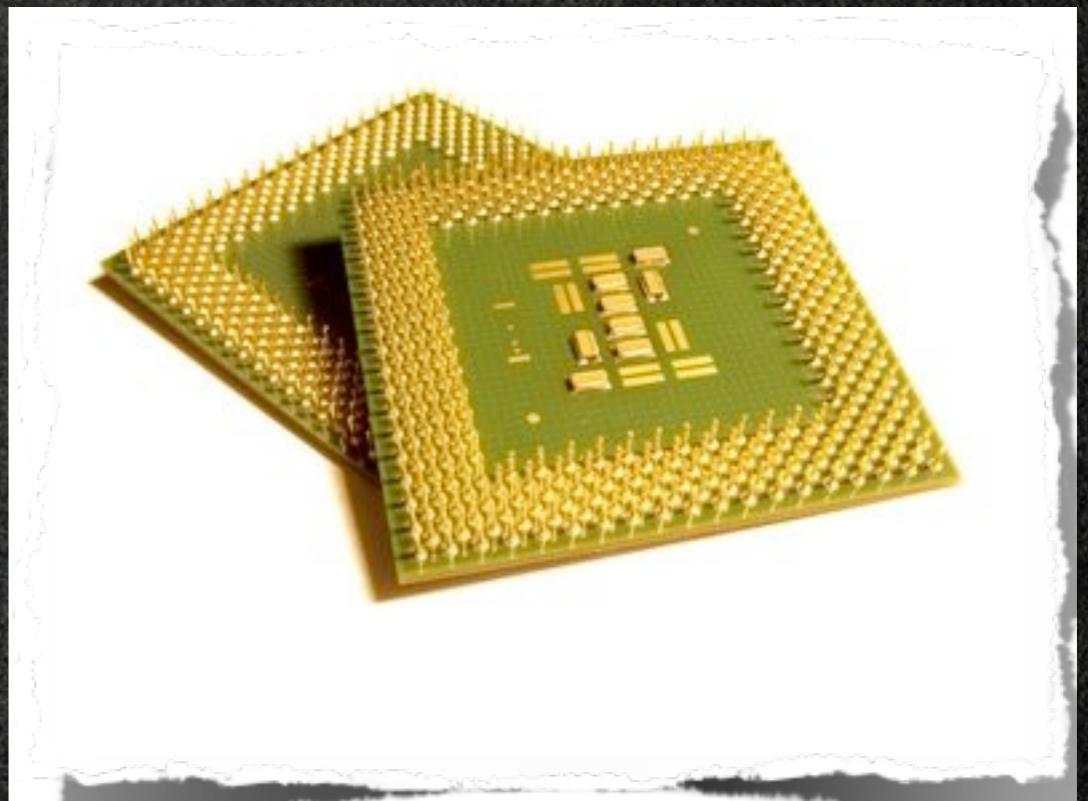


What's new in CF 10?

- Prioritize Tasks
- Repeat Tasks
- Retry
- Overwrite output

What's new in CF 10?

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

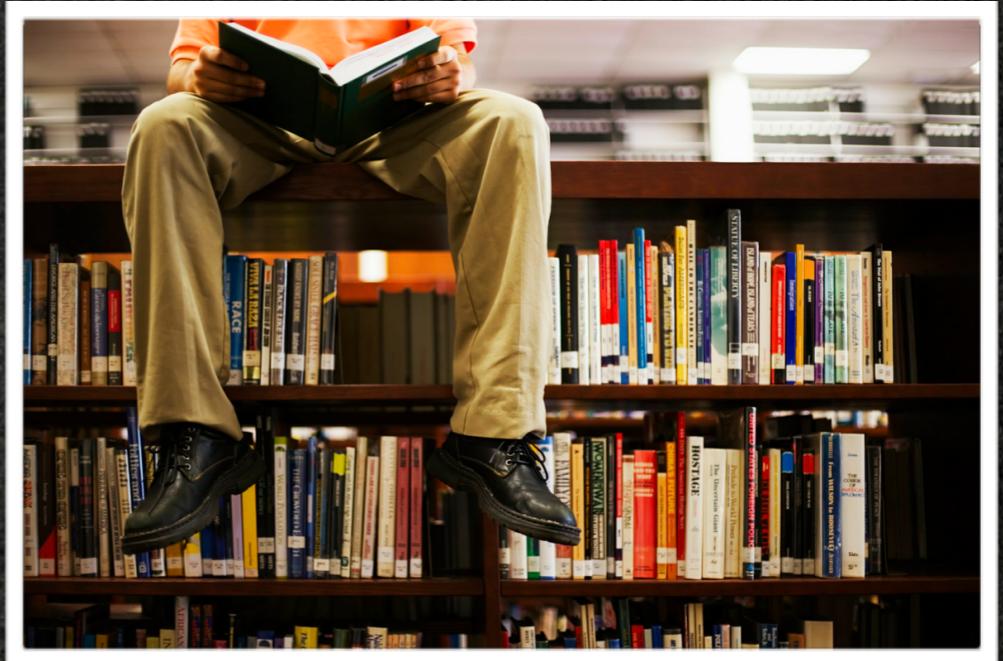




<Questions />

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