

Loads Analysis Scripts

```
if ( $RunCases{"DLC1.1" } ) { DLC11 ( "DLC1.1" ); }  
if ( $RunCases{"DLC1.2" } ) { DLC12 ( "DLC1.2" ); }  
if ( $RunCases{"DLC1.3" } ) { DLC13 ( "DLC1.3" ); }  
if ( $RunCases{"DLC1.4" } ) { DLC14 ( "DLC1.4" ); }  
if ( $RunCases{"DLC1.5" } ) { DLC15 ( "DLC1.5" ); }  
if ( $RunCases{"DLC1.6a"} ) { DLC16a( "DLC1.6a" ); }  
if ( $RunCases{"DLC2.1" } ) { DLC21 ( "DLC2.1" ); }  
if ( $RunCases{"DLC2.3" } ) { DLC23 ( "DLC2.3" ); }  
if ( $RunCases{"DLC6.1a"} ) { DLC61a( "DLC6.1a" ); }  
if ( $RunCases{"DLC6.2a"} ) { DLC62a( "DLC6.2a" ); }  
if ( $RunCases{"DLC6.3a"} ) { DLC63a( "DLC6.3a" ); }  
if ( $RunCases{"DLC6.4" } ) { DLC64 ( "DLC6.4" ); }  
if ( $RunCases{"DLC7.1a"} ) { DLC71a( "DLC7.1a" ); }
```

Design Codes Workshop

September 25, 2008

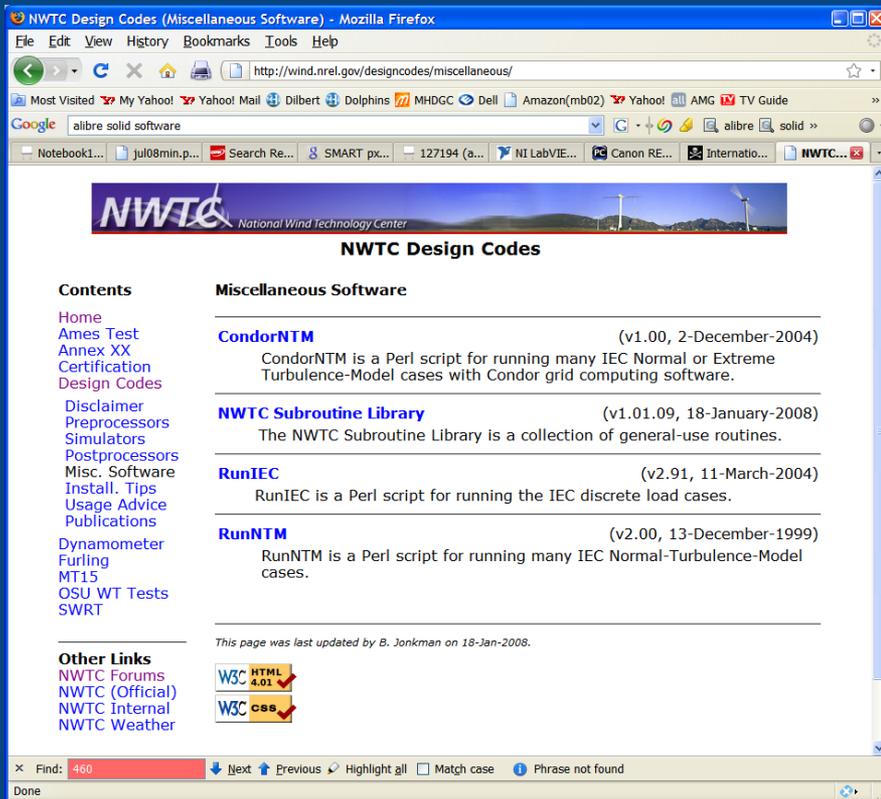
Marshall Buhl

Loads Analysis Scripts

- **Three scripts available on the web site:**
 - **RunIEC:** Runs FAST for IEC discrete load cases
 - **RunNTM:** Runs FAST for multiple turbulence cases
 - **CondorNTM:** Same as RunNTM, but uses Condor
- **All written in Perl; must know a little Perl to modify**
- **No further development**
- **Have an in-house script also called RunIEC**
 - Will replace the three above
 - Requires significant customization to use
 - Runs jobs serially or in Condor pool
 - Quite long—3,700 lines
 - Will make it user friendly and distribute it

```
$B1Pitch1 = $$DLC{"B1Pitch1"};  
$B1Pitch2 = $$DLC{"B1Pitch2"};  
$B1Pitch3 = $$DLC{"B1Pitch3"};  
$B1PitchF1 = $$DLC{B1PitchF1};  
$B1PitchF2 = $$DLC{B1PitchF2};  
$B1PitchF3 = $$DLC{B1PitchF3};  
$PtfmModel = $GPtfmModel;  
$TStart = $$DLC{TStart};  
$TwrFile = $GTwrFile;
```

Questions?



NWTC Design Codes

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Other Links

- NWTC Forums
- NWTC (Official)
- NWTC Internal
- NWTC Weather

Miscellaneous Software

CondorNTM	(v1.00, 2-December-2004)
CondorNTM is a Perl script for running many IEC Normal or Extreme Turbulence-Model cases with Condor grid computing software.	
NWTC Subroutine Library	(v1.01.09, 18-January-2008)
The NWTC Subroutine Library is a collection of general-use routines.	
RunIEC	(v2.91, 11-March-2004)
RunIEC is a Perl script for running the IEC discrete load cases.	
RunNTM	(v2.00, 13-December-1999)
RunNTM is a Perl script for running many IEC Normal-Turbulence-Model cases.	

This page was last updated by B. Jonkman on 18-Jan-2008.

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Done

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