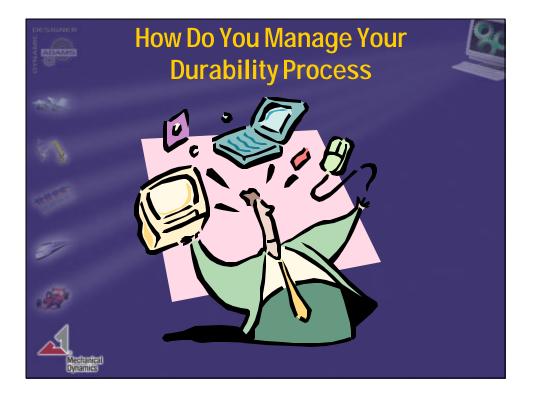
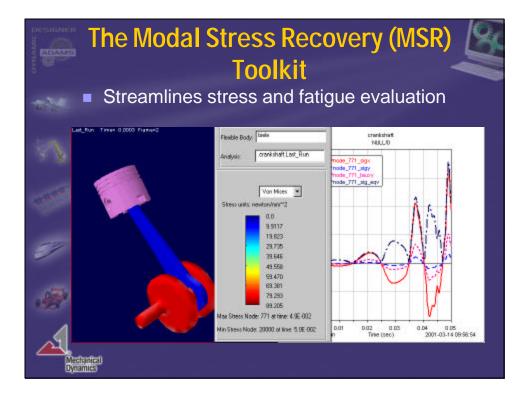
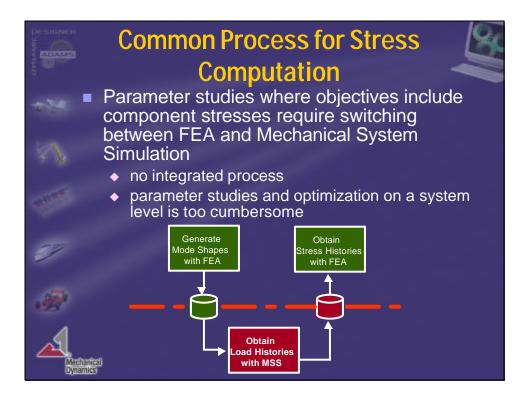
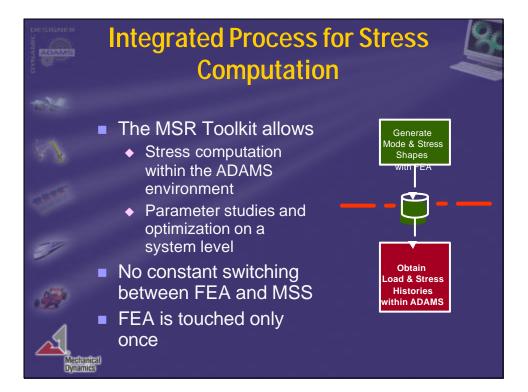


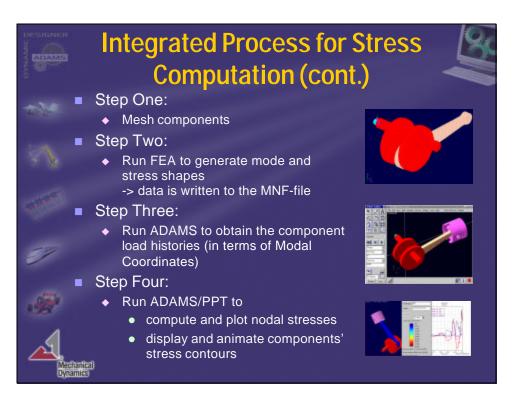
	VTL Application Table					
	<u>Input</u>	Test Rig Model	<u>Applications</u>			
- 20	Spindle Loads	No VTL Model	Fatigue Prediction			
37	Actuator Displacements	VTL – Elasticity and Kinematics of Test Rig	Validation with Traditional Instrumentation or SWIFT			
æ	RPC Response File	VTL/RPC – Model of Controller and Hydraulics	Full RPC Iteration and Drive File Creation			
4	ficnital) anics	- Hy drudnos				

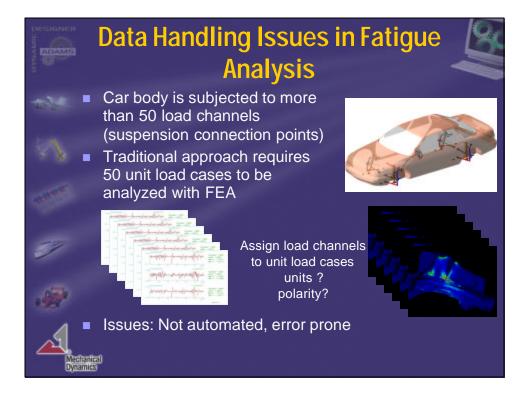


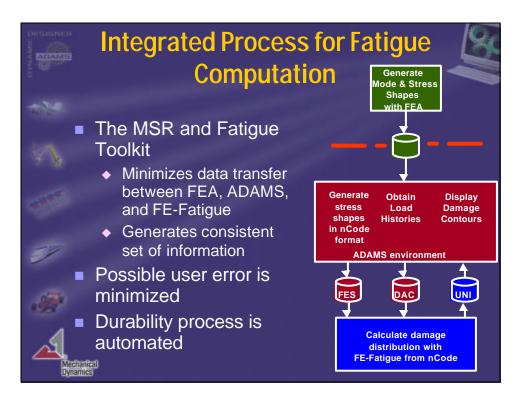


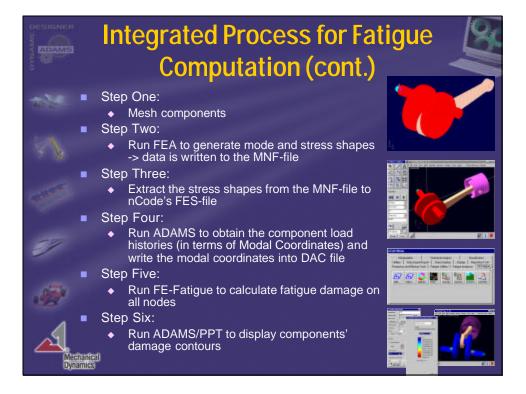


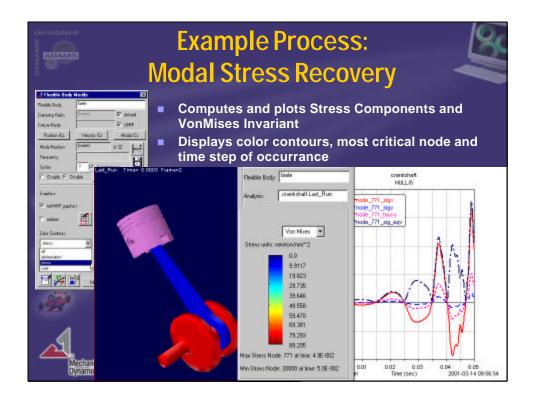


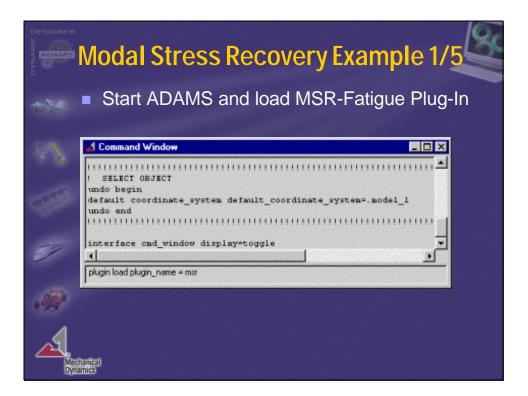


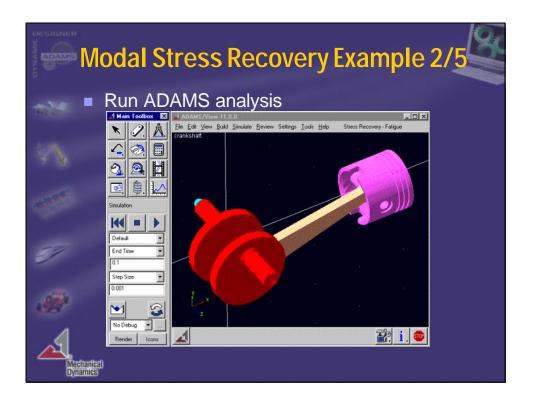


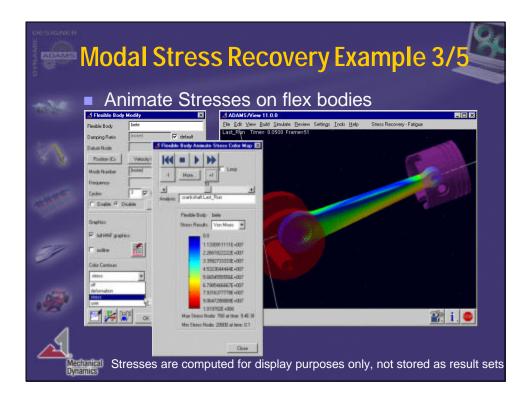




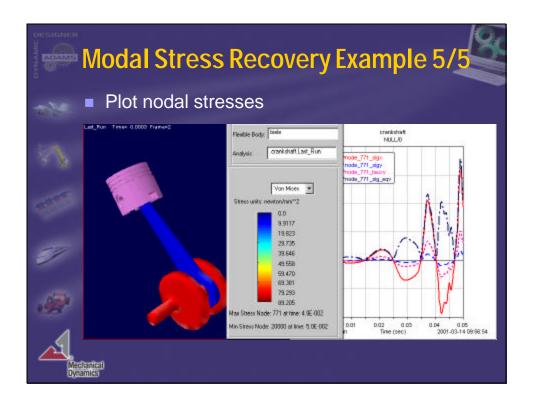


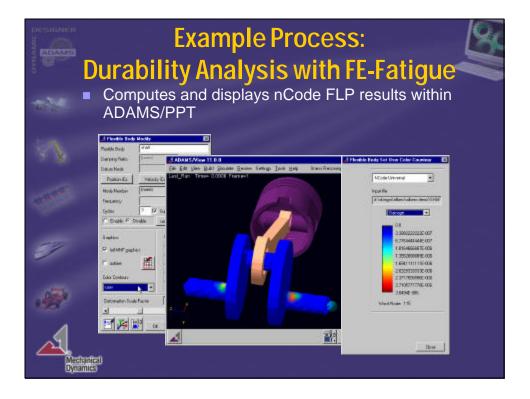


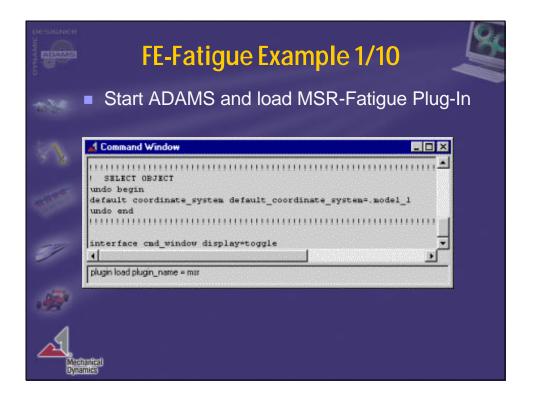


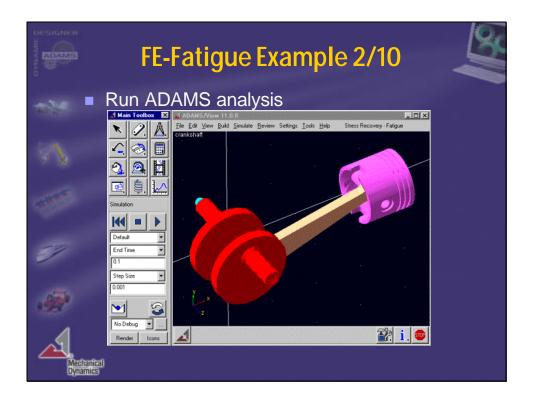


Messawer Me	odal Stress Recovery Example 4/5
	Compute and store stress/strain components at selected nodes
	Econpute Nodal Stress Components
	Analysis Node to add to select list Selected Nodes list
II.	Image: sigma x     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma Von Mises     Image: sigma y     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Image: sigma von Mises     Image: sigma z     Image: sigma z       Imag
÷	OK Apply Cancel
And	

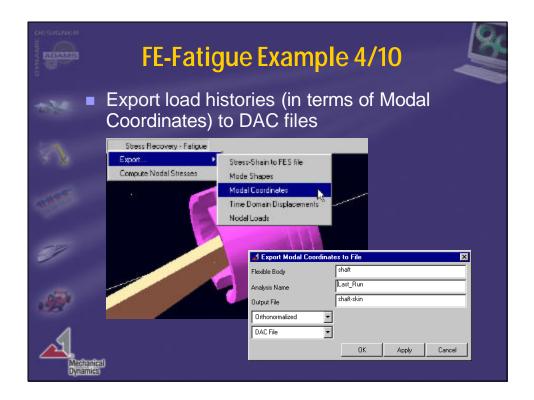


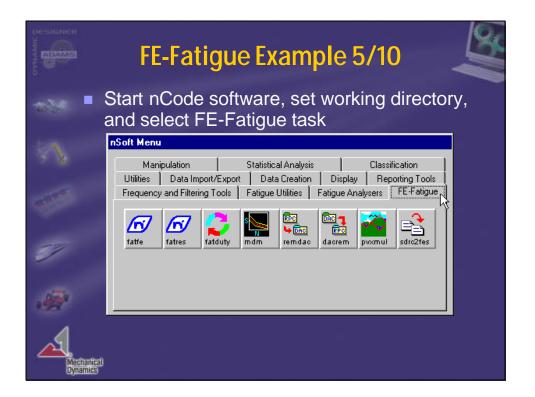












	FE-Fatigue Example 6/10			
±₩.	Specify an			
	TATE - Partial to Full	FES Completion		
	Job Name	SHAFT-SKIN		
	Description	job string 1		
	Analysis Type	S-N Analysis		
	Stress Units	Pascals		
37	Time step data type	Elastic	2	
	Advanced Options	C Yes C No		
æ	V OK X Cancel		7 Help	
Activities	0			

	FE-Fatigue Example 7/10			
	Jse output from previous ADAMS run as oading input			
	ASCII file of load histories exists for this job. you want to input data from this file ?			
Yes 2	FATFE - Partial to Full FES Completion - Loading Input     Select load case + DK to define time function or press F5 for options			
II	Done         I: Load Case Number 1         SHAFT-SKIN01         1         0           2: Load Case Number 2         SHAFT-SKIN02         1         0           3: Load Case Number 3         SHAFT-SKIN03         1         0           4: Load Case Number 4         SHAFT-SKIN04         1         0           5: Load Case Number 4         SHAFT-SKIN05         1         1           6: Load Case Number 5         SHAFT-SKIN05         1         1			
<i></i>	7: Load Case Number 7: SHAFT-SKIN07       1       1       0         8: Load Case Number 8: SHAFT-SKIN08       1       0         9: Load Case Number 9: SHAFT-SKIN09       1       0         10: Load Case Number 9: SHAFT-SKIN10       1       0         10: Load Case Number 10 SHAFT-SKIN10       1       0         11: Load Case Number 11 SHAFT-SKIN11       1       0         12: Load Case Number 12 SHAFT-SKIN12       1       1	<u>•</u>		
Mechanical Dynamics				

	FE-Fatigu	e Examp	le 8/10		
±%	Select material fi		ase		
	Select Material/Group + DK or press F5 for opt Group 1	0712		-	
and the second s	Method Select	Group 1			
Ŋ	Material name SAE5210_517_H SAE6630_254_NORM SAE6840_361_Q1	Strength reduction (K/) Surface Finish	1 No finish		
<u>چە</u>	SAE9262 260 NORM SAE9262 271 01 sta_50 sta_70 st00 unsg10200	Surface Treatment	No treatment		
Mechanical Dynamics	Cancel		[	<u>? Нер</u>	

	F	E-Fatigu	e Exampl	e 9/10	
-	Run F	atigue Ana	alysis		
and an	🛷 Superpos	sition 36 % complete.			
$\sim$	ß		Quit		
	Global Re	sults - Ten Most Dama Damage	ged Nodes	Ave. Ratio	S.D. Ratio
27	115 194 503 427	3.0494E-6 3.0026E-6 1.9107E-6 4.8285E-7	3.279E5 3.33E5 5.234E5 2.071E6	0.208 0.037 0.048 0.14	0.311 0.183 0.122 8.25E-3
2	186 495 187	4.5523E-7 2.1068E-7 1.735E-7	2.197E6 4.746E6 5.764E6	-0.0201 0.0291 0.0693	0.254 0.152 0.122
	89 401 88	1.5845E-7 1.5845E-7 9.74E-8	6.311E6 6.311E6 1.027E7	0.246 0.24 0.198	0.214 9.63E-3 0.0787
<u></u>	<b>у</b> ок	X Cancel			😤 Help
A Notice	(a) 3				

