








# Coupling versions released with R7.4 and older version, per December 1<sup>st</sup>, 2011

MADYMO R7.0-R7.4								
Partner Platform	LS-Dyna		MPP-Dyna		PamCrash		Radioss	ABAQUS
	970	971	970	971	2007 SMP	2007 MPP	5.1 I	6.7PR3E
hp1100pa20	II	✓ [1 Dec 2008]	✓ [1 Dec 2008]	✘	?	?	?	?
hp1100ia64 (HP Itanium)	II	✓ [1 Dec 2008]	Q [1 Dec 2008]	✘	✓ [1 Dec 2008]	✓ [1 Dec 2008]	?	Q [1 Dec 2008]
sgi64r10k	II	✓ [1 Dec 2008]	✘	✘	?	?	?	?
ibmrs51	II	✘	✘	✘	?	?	?	?
linux24-x86	II	✓ [1 Dec 2008]	Q [1 Dec 2008]	✘	✓ [1 Dec 2008]	✓ [1 Dec 2008]	?	?
linux24-ia64 (SGI Altix)	II	✘	Q [1 Dec 2008]	Q [1 Dec 2008]	✓ [1 Dec 2008]	✓ [1 Dec 2008]	?	Q [1 Dec 2008]
linux26-x86_64 (AMD Opteron)	✘ [Compiler Conflict]	✓ [1 Dec 2008]	Q [1 Dec 2008]	Q [1 Dec 2008]	✓ [1 Dec 2008]	✓ [1 Dec 2008]	✓ [1 Dec 2008]	Q [1 Dec 2008]
linux24-x86_64 (AMD Opteron)	✘ [Compiler Conflict]	✓ [1 Dec 2008]	Q [1 Dec 2008]	Q [1 Dec 2008]	✓ [1 Dec 2008]	✓ [1 Dec 2008]	✓ [1 Dec 2008]	Q [1 Dec 2008]
linux24-em64t (Xeon)	✘ [Compiler Conflict]	🕸 [linux24-x86_64]	🕸 [linux24-x86_64]	🕸 [linux24-x86_64]	✓ [1 Dec 2008]	✓ [1 Dec 2008]	🕸 [linux24-x86_64]	Q [1 Dec 2008]
win32 em64t-win	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]

-  - Not Requested: Platform is not requested by customers.
-  - Under Development: Agreement between MADYMO and partner to start development. No commitment yet to deliver this version.
-  - Not tested yet: The platform needs to be tested, but was validated with older versions. Will be done on customer request.
-  - Validated: Validated by MADYMO (and optionally partner) but not yet released by partner (date of validation mentioned)
-  - Released: Validated by MADYMO/partner and (officially) released by partner (date of release by partner mentioned).
-  - Not Possible: Not possible to create a version due to technical reasons (reason mentioned).
-  - Compatible Version: Compatible version available (replacement platform mentioned)







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MADYMO R.6.4.1								
Partner Platform	LS-Dyna		MPP-Dyna		PamCrash		Radioss	ABAQUS
	970	971	970	971	2007 SMP	2007 MPP	5.1 G	6.7PR3E
hp1100pa20	✓ [1 Dec 2007]	✘	✓ [1 Dec 2007]	✘	?	?	?	?
hp1100ia64 (HP Itanium)	✓ [1 Dec 2007]	✘	Q [1 Dec 2007]	✘	?	?	?	Q [1 Dec 2007]
sgi64r10k	✓ [1 Dec 2007]	✘	✘	✘	?	?	?	?
ibmrs51	✘ [1 Dec 2007]	✘	Q [1 Dec 2007]	✘	?	?	?	?
linux32E	✓ [1 Dec 2007]	✘	✘	✘	✓ [1 Dec 2007]	✓ [1 Dec 2007]	?	?
linux64 (SGI Altix)	✘	✘	Q [1 Dec 2007]	Q [2 Apr 2008]	✓ [1 Dec 2007]	✓ [1 Dec 2007]	?	Q [1 Dec 2007]
x86_64- SLE9 (AMD Opteron)	✘ [Compiler Conflict]	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	✓ [1 Dec 2007]	✓ [1 Dec 2007]	✓ [1 Dec 2007]	Q [1 Dec 2007]
x86_64-RHEL3 (AMD Opteron)	✘ [Compiler Conflict]	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	✓ [1 Dec 2007]	✓ [1 Dec 2007]	✓ [1 Dec 2007]	Q [1 Dec 2007]
em64t-RHEL3 (Xeon)	✘ [Compiler Conflict]	✘	🕒 [x86_64-RHEL3]	🕒 [x86_64-RHEL3]	✓ [1 Dec 2007]	✓ [1 Dec 2007]	?	Q [1 Dec 2007]
sun4UIII	?	?	?	?	?	?	?	?
win32 em64t-win	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]

- ? - Not Requested: Platform is not requested by customers.
- ✘ - Under Development: Agreement between MADYMO and partner to start development. No commitment yet to deliver this version.
- Q - Validated: Validated by MADYMO (and optionally partner) but not yet released by partner (date of validation mentioned)
- ✓ - Released: Validated by MADYMO/partner and (officially) released by partner (date of release by partner mentioned).
- ✘ - Not Possible: Not possible to create a version due to technical reasons (reason mentioned).
- 🕒 - Compatible Version: Compatible version available (replacement platform mentioned)






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MADYMO R.6.4								
Partner Platform	LS-Dyna		MPP-Dyna		PamCrash		Radioss	ABAQUS
	970	971	970	971	2007 SMP	2007 MPP	5.1 G	6.7PR3E
hp1100pa20	✓ [1 Jun 2007]	✗	✓ [1 Jun 2007]	✗	?	?	?	?
hp1100ia64 (HP Itanium)	✓ [1 Jun 2007]	✗	Q [1 Jun 2007]	✗	?	?	?	✗
sgi64r10k	✓ [1 Jun 2007]	✗	✗	✗	?	?	?	?
ibmrs51	✓ [1 Jun 2007]	✗	Q [1 Jun 2007]	✗	?	?	?	?
linux32E	✓ [1 Jun 2007]	✗	✗	✗	✓ [1 Sep 2007]	✓ [1 Sep 2007]	?	?
linux64 (SGI Altix)	✗	✗	Q [1 Jun 2007]	Q [2 Apr 2008]	✓ [1 Sep 2007]	✓ [1 Sep 2007]	?	✗
x86_64- SLE9 (AMD Opteron)	✗ [Compiler Conflict]	✗	Q [2 Apr 2008]	Q [2 Apr 2008]	✓ [1 Sep 2007]	✓ [1 Sep 2007]	✓ [1 Dec 2006]	✗
x86_64-RHEL3 (AMD Opteron)	✗ [Compiler Conflict]	✗	Q [2 Apr 2008]	Q [2 Apr 2008]	✓ [1 Sep 2007]	✓ [1 Sep 2007]	✓ [1 Dec 2006]	✗
em64t-RHEL3 (Xeon)	✗ [Compiler Conflict]	✗	🕒 [x86_64-RHEL3]	🕒 [x86_64-RHEL3]	✓ [1 Sep 2007]	✓ [1 Sep 2007]	?	✗
sun4UIII ppc64-SLE9	?	?	?	?	?	?	?	?
win32 em64t-win	✗ [security issue]	✗ [security issue]	✗ [security issue]	✗ [security issue]	✗ [security issue]	✗ [security issue]	✗ [security issue]	✗ [security issue]

-  - Not Requested: Platform is not requested by customers.
-  - Under Development: Agreement between MADYMO and partner to start development. No commitment yet to deliver this version.
-  - Validated: Validated by MADYMO (and optionally partner) but not yet released by partner (date of validation mentioned)
-  - Released: Validated by MADYMO/partner and (officially) released by partner (date of release by partner mentioned).
-  - Not Possible: Not possible to create a version due to technical reasons (reason mentioned).
-  - Compatible Version: Compatible version available (replacement platform mentioned)

# Coupling versions released with R7.4 and older version, per December 1<sup>st</sup>, 2011

MADYMO R.6.3.2							
Partner Platform	LS-Dyna		MPP-Dyna		PamCrash	Radioss	ABAQUS
	970	971	970	971	2006	5.1 G	6.6PR7B
hp1100pa20	✓ [1 Dec 2006]	✘	✓ [1 Dec 2006]	✘	?	?	?
hp1100ia64 (HP Itanium)	✓ [1 Dec 2006]	✘	Q [1 Dec 2006]	✘	✓ [1 Dec 2006]	?	Q [1 Dec 2006]
sgi64r10k	✓ [1 Dec 2006]	✘	✘	✘	?	?	?
ibmrs51	✓ [1 Dec 2006]	✘	Q [1 Dec 2006]	✘	?	?	?
linux32E	✓ [1 Dec 2006]	✘	✘	✘	✓ [1 Dec 2006]	?	?
linux64 (SGI Altix)	✘	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	✓ [1 Dec 2006]	?	?
x86_64- SLE9 (AMD Opteron)	✘ [Compiler Conflict]	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	?	✓ [1 Dec 2006]	?
x86_64-RHEL3 (AMD Opteron)	✘ [Compiler Conflict]	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	?	✓ [1 Dec 2006]	?
sun4UIII	?	?	?	?	?	?	?
ppc64-SLE9	?	?	?	?	?	?	?
win32	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]

-  - Not Requested: Platform not requested by customers.
-  - Under Development: Agreement between MADYMO and partner to start development. No commitment yet to deliver this version.
-  - Validated: Validated by MADYMO (and optionally partner) but not yet released by partner (date of validation mentioned)
-  - Released: Validated by MADYMO/partner and (officially) released by partner (date of release by partner mentioned).
-  - Not Possible: Not possible to create a version due to technical reasons (reason mentioned).

## Coupling versions released with R7.4 and older version, per December 1<sup>st</sup>, 2011

MADYMO R.6.3.1							
Partner  Platform	LS-Dyna		MPP-Dyna		PamCrash	Radioss	ABAQUS
	970	971	970	971	2006	5.1 G	6.6PR7B
hp1100pa20	✓ [1 Aug 2006]	✘	✓ [1 Aug 2006]	✘	?	?	?
hp1100ia64 (HP Itanium)	✓ [1 Aug 2006]	✘	Q [1 Aug 2006]	✘	✓ [18 Sept 2006]	?	Q [1 Aug 2006]
sgi64r10k	✓ [1 Aug 2006]	✘	✘	✘	?	?	?
ibmrs51	✓ [1 Aug 2006]	✘	Q [1 Aug 2006]	✘	?	?	?
linux32E	✓ [1 Aug 2006]	✘	✘	✘	✓ [18 Sept 2006]	?	?
linux64 (SGI Altix)	✘	✘	Q [1 Aug 2006]	Q [2 Apr 2008]	✓ [18 Sept 2006]	?	?
x86_64- SLE9 (AMD Opteron)	✘ [Compiler Conflict]	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	?	✓ [1 Dec 2006]	?
x86_64-RHEL3 (AMD Opteron)	✘ [Compiler Conflict]	✘	Q [2 Apr 2008]	Q [2 Apr 2008]	?	✓ [1 Dec 2006]	?
sun4UIII	?	?	?	?	?	?	?
ppc64-SLE9	?	?	?	?	?	?	?
win32	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]	✘ [security issue]

- ? - Not Requested: Platform not requested by customers.
- ✘ - Under Development: Agreement between MADYMO and partner to start development. No commitment yet to deliver this version.
- Q - Validated: Validated by MADYMO (and optionally partner) but not yet released by partner (date of validation mentioned)
- ✓ - Released: Validated by MADYMO/partner and (officially) released by partner (date of release by partner mentioned).
- ✘ - Not Possible: Not possible to create a version due to technical reasons (reason mentioned).

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<b>MADYMO R.6.3</b>					
Partner Platform	LS-Dyna	MPP-Dyna	PamCrash	Radioss	ABAQUS
	<b>970-6763</b>	<b>970-6763</b>	<b>2005</b>	<b>5.1 D</b>	<b>6.6PR7B</b>
<b>hp1100pa20</b>	<b>Released</b> (1 Dec 2005)	<b>Released</b> (1 Jan 2006)	Not Requested	Not Requested	Not Requested
<b>hp1100ia64</b> (HP Itanium)	<b>Released</b> (1 Dec 2005)	<b>Validated</b> (1 Dec 2005)	<b>Validated</b> (1 Aug 2006)	Not Requested	<b>Validated</b> (1 Jan 2006)
<b>sgi64r10k</b>	<b>Released</b> (1 Dec 2005)	Under Development	Not Requested	Not Requested	Not Requested
<b>ibmrs51</b>	<b>Released</b> (1 Dec 2005)	<b>Validated</b> (1 Dec 2005)	Not Requested	Not Requested	Not Requested
<b>linux32E</b>	<b>Released</b> (4 Jan 2006)	Under Development	<b>Validated</b> (1 Mar 2006)	Not Requested	Not Requested
<b>linux64</b> (SGI Altix)	Not Possible [Compiler Conflict]	<b>Validated</b> (3 Jul 2006)	<b>Validated</b> (1 Aug 2006)	Not Requested	Not Requested
<b>x86_64-SLE9</b> (AMD Opteron)	<b>Released</b> (1 Jan 2006)	<b>Released</b> (1 Dec 2005)	Not Possible [Compiler Conflict]	Not Requested	Not Requested
<b>x86_64-RHEL3</b> (AMD Opteron)	<b>Released</b> (1 Jan 2006)	<b>Released</b> (1 Dec 2005)	Not Possible [Compiler Conflict]	<b>Released</b> (1 Mar 2006)	Not Requested
<b>sun4UIII</b>	Not Requested	Not Requested	Not Requested	Not Requested	Not Requested
<b>win32</b>	Not Possible [security issue]	Not Possible [security issue]	Not Possible [security issue]	Not Possible [security issue]	Not Possible [security issue]

- **Not Requested:** Platform not requested by customers.
- **Under Development:** Agreement between MADYMO and partner to start development. No commitment yet to actually deliver this version.
- **Validated:** Validated by MADYMO (and optionally partner) but not yet released by partner (date of validation mentioned)
- **Released:** Validated by MADYMO/partner and (officially) released by partner (date of release by partner mentioned).
- **Not Possible:** Not possible to create a version due to technical reasons (reason mentioned).

MADYMO R 6.1 – R6.2.2					
Partner		LS-Dyna	MPP-Dyna	PamCrash	Radioss
Platform ID	OS info	970	970 (+ packages)	2005	4.7.4 (+ packages)
hp1100pa20	hp-ux B11.00	6.0.1 p1c SMP 6.1 p3c SMP	6.0.1 p1c 6.1 p3c	Not Available	6.1 p3c SMP
hp1100ia64	HP Itanium, B 11.22	6.0.1 p1c SMP 6.2 p2c SMP	Not Available	6.2 p2c SMP	Not Available
sgi64r10k	IRIX 6.5.14, 64 bit	6.0.1 p1c SMP 6.1 p3c SMP	6.0.1 p1c (SCSL, ARRAY, MPT) 6.1 p3c (SCSL, ARRAY, MPT)	6.2 p2c SMP	Not Available
ibmrs43	AIX 4.3	6.0.1 p1c SMP	Not Available	Not Available	Not Available
	AIX 5L, 64 bit	6.1 p3c SMP	6.1 p3c (POE)	Not Available	6.1 p3c SMP
linux32	Redhat 7.1	6.0.1 p1c NOSMP	6.0.1 p1c (lammpi)	Not Available	Not Available
	Redhat 7.3	6.1 p3c SMP	6.1 p3c (lammpi)	6.2 p2c NOSMP	6.1 p3c MPP (mpich)
linux64	SGI Altix, RHE PP3	Not Available	6.2 p1c	Not Available	Not Available
Decalpa40	OSF 4.0D	6.0.1 p1c NOSMP	Not Available	Not Available	Not Available
	OSF 4.0F	6.1 p3c NOSMP	Not Available	Not Available	6.1 p3c MPP

- **6.0.1 p1c:** Platform released, number represents madymo version (eg: MADYMO R 6.0.1, patch level 1 c ( c stands for coupling patch))
- **Not Available:** Platform not released
- **NOSMP:** These versions are NOSMP versions (run on 1 cpu only)
- **SMP:** These versions are SMP versions (Note that all LS-Dyna versions are SMP, unless stated otherwise)
- **MPP:** These versions are MPP versions (Note that all MPP-Dyna versions are MPP)
- Please note that only platforms/partners for which at least 1 version is released are shown.
- For patches/updates for the other coupled codes, please contact LSTC, ESI-Group, Mecalog or Abaqus sales offices.

## Release History:

### 16) January 10, 2012

- Update to R7.4

### 15) August, 5<sup>th</sup>, 2009-08-05

- Fixed typo in date (header), must be 2009

### 14) February, 19<sup>th</sup>, 2009

- Updated for R7.0
- There is an IBM RS5.3 version available to run with SMP Dyna, but we cannot test it in Delft, since we do not have this OS available. Customers have reported that it runs though.
- LSTC changed their linux compiler versions in version 971-R3.2 and upwards. These are incompatible with current TASS madymo solver versions.
- Added 'Not tested yet' status, indicating that these are binaries that used to work with older madymo versions, but are not tested in the current testsuite.

### 13) April Second, 2008

- Updated for R6.4.1
- mppdyna added for Altix/Opteron/Xeon for versions R6.3.1 – R6.4.1
- removed subversion info from lsdyna/mppdyna versions (since there are too many to distinguish them in one single sheet).  
A different solution is under construction.
- clarified description of 'Validated' status
- added 'Compatible Version' status
- Grouped both windows version (R6.4, R6.4.1) and both sun and ppc (R6.4).
- Note that on AMD Opteron, (mppdyna) executables that work for R6.3 do not work for R6.3.1-R6.4.1, and vice versa.

### 12) October 4<sup>th</sup>, 2007

- Updated for R6.4
- Added new platforms em64t-win and em64t-RHEL3
- Pam version for R6.4 updated to v2007 (supporting SMP and MPP on PAM side)
- Abaqus version for R6.4 updated to V6.7-PR3E, supporting linux64 and amd/em64t platforms.

### 11) Dec 19<sup>th</sup>, 2006

- Updated for R6.3.2
- Old coupling versions table added (R6.0.1 – R6.2.2)

### 10) Sep 18<sup>th</sup>, 2006

- Pam2006 released by ESI.

## Coupling versions released with R7.4 and older version, per December 1<sup>st</sup>, 2011

- fixed a few typos in table header.
- Correction: Radioss on AMD Opteron with R6.3.1 is under development and not released yet.
- Added more 3<sup>rd</sup> party version info to the table.
- Correction: ppc64-SLE9 line added for R6.3.1 already in version 9.

### 9) Aug 7<sup>th</sup>, 2006

- New release (R6.3.1) added
- PAMv2006 validated on hp1100ia64, linux32E and linux64.
- Prepared table to put 3rd party version information in the document.

### 8) Jul 3<sup>rd</sup>, 2006

- HP1100ia64 for PAM v2006 added
- SGI64R10k for PAM v2006 stopped, since no customer requests anymore
- LINUX64 for MPPDYNA validated
- Validated version for ABAQUS updated to PR7B
- LSDYNA and MPPDYNA versions updated to 970-6763

### 7) Mar 27<sup>th</sup>, 2006

Window added

### 6) Mar 20<sup>th</sup>, 2006

- Development for coupling with PAM v2006 on hp1100ia64 stopped, because not requested anymore by customer.
- Release History not descending order
- Correction: PamCrash execs on linux32E and sgi64r10k are not released yet, only validated
- Clarified distinction between 'validated' and 'released'.

### 5) Mar 16<sup>th</sup>, 20006

- sun4UIII line added (though not requested at the moment).
- Development for coupling with PAM v2006 on linux64 (SGI Altix) started.

Platform	Validated with	Status
Linux32E	PAMCRASH	Released
Sgi64r10k	PAMCRASH	Released
X86_64-RHEL3	RADIOSS	Released

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### 4) Jan 17<sup>th</sup>, 2006

- Development for coupling with PAM v2006 on hp1100ia64 (HP Itanium) started.

### 3) Jan 4<sup>th</sup>, 2006

Platform	Validated with	Status
Linux32E	LS-DYNA	Released

### 2) Jan 1<sup>st</sup>, 2006:

Platform	Validated with	Status
hp1100pa20	MPPDYNA	Released
hp1100ia64 (HP-Itanium)	ABAQUS	Released
x86_64-SLE9 x86_64-RHEL3 (AMD Opteron)	<b>RADIOSS</b> <b>PAMCRASH</b>	Linking OK (Mecalog downgraded compiler), testing ongoing by Mecalog, issues PGI compiler differences block linking until one party up- or downgrades
x86_64-SLE9 (AMD Opteron)	LS-DYNA	
x86_64-RHEL3 (AMD Opteron)	LS-DYNA	Released
Linux32E	LS-DYNA <b>MPPDYNA</b> <b>PAMCRASH</b>	Validated Linking successful yet, running not successful, not clear why Linking OK, ESI is testing now
SGI Altix	<b>LS-DYNA</b> <b>MPPDYNA</b>	Intel Compiler differences blocking linking Intel Compiler differences blocking linking

### 1) Dec 1<sup>st</sup>, 2005:

Platform	Validated with:	Status
hp1100pa20	LS-DYNA	Released
hp1100ia64 (HP-Itanium)	LS-DYNA MPPDYNA	Released Validated
ibmrs51	LS-DYNA MPPDYNA	Released Validated
sgi64r10k	LS-DYNA PAMCRASH	Released Validated
x86_64-SLE9 x86_64-RHEL3 (AMD Opteron)	MPPDYNA	Released