

# A little bit of Mathematica history

Nasser M. Abbasi

February 17, 2022

Compiled on February 17, 2022 at 4:51pm

## Summary of Mathematica release dates

version	release data	Approximate time from previous release
1	June 1988	N/A
2	Jan 1991	2.5 years
3	sept 1996	5.8 years
4	may 1999	2.8 years
5	June 2003	3 years
6	May 2007	4 years
7	Nov 2008	1.3 years
8	Nov 2010	2 years
9	Nov 2012	2 years
10	July 2014	1.8 years
11	August 2016	2.1 years
12	April 2019	2.75 years
13	December 13 2021	2.6 years

## Detailed table of Mathematica versions and release dates

Dates are written in month/day/year format .

version	Release date	Binary size (bytes)	size of Mathematica book by Wolfram	lines of code	Number of Functions (approximate, see plot in ref (3) in System context only )	Functions in System	Mathematica symbols (from Length[Names[tem"*"]])
1.0	6/23/1988			150,000 in C (kernel) + 50,000 in C (front end)	600		
1.1	1989						
1.2	8/1/1989						
2.0	1/15/1991			350,000	883		
2.1	6/15/1992						

2.2.1	4/21/1993	4.4 MB (on 4 floppies)	961 2ed		841 in kernel	kernel_functions_V22.txt	<ul style="list-style-type: none"> <li>• installation screen shots</li> <li>• V22_new_feature.txt</li> <li>• user guide image</li> </ul>
2.2.3	?						
3.0	9/3/1996		1403	600,000	1200		<a href="http://reference.wolfram.com/legacy/v3/index105.html">http://reference.wolfram.com/legacy/v3/index105.html</a>
3.0.1	7/29/1997						
4.0	5/19/1999		1496	800,000	1300		
4.0.1	9/1999						
4.0.2	8/2000						
4.1	11/2/2000	49,224,870		850,000			1861 listing
4.2	11/1/2002						
5.0	6/12/2003	89,337,856	1488	1.5 millions	1500		1920 listing
5.0.1	1/2004						
5.1	11/25/2004	112,734,208					1984 listing
5.1.1	3/2005						
5.2	6/20/2005	159,301,632					1984 listing
6.0	5/1/2007	476,127,232		2.5 millions	2100		2958 listing

6.0.1	7/5/2007	468,983,808		2.5 mil- lions			
6.0.2	3/2008						
6.0.3	6/2008						
7.0	11/18/2008	478,662,656			2550	<ol style="list-style-type: none"> <li>1. HTML</li> <li>2. PDF</li> <li>3. note-book</li> <li>4. math-e-mat-ica7func-tions.txt</li> <li>5. pack-ages-Func-tions.txt</li> </ol>	3429 listing
7.0.1	3/5/2009						
8.0	11/15/2010	1,315,961,636 (1.3 GB, on Linux) 811 MB (Windows .EXE)			2467	func- tions and symbols listing <ol style="list-style-type: none"> <li>1. HTML</li> <li>2. PDF</li> <li>3. pro- cess.nb</li> <li>4. ge- tUsageMes- sages.nb</li> </ol>	4141 HTML PDF

8.0.1	2/23/2011	832.51 MB for windows .EXE (872,945,544 bytes)			2468	functions and symbols listing 1. HTML 2. PDF 3. process.nb 4. getUsageMessages.nb	4129 HTML PDF
8.0.4	10/26/2011	916 MB for windows .EXE (960,254,792 bytes)					
9	11/28/2012	windows : 1.2 GB(1,210,695,064 bytes) mac: 1.2 GB (1,273,266,681 bytes) Linux: 1.8 GB (1,781,256,995 bytes)					HTML 92 different contexts 7,919 total symbols 4,153 total functions
9.0.1	1/31/2013						
10	Wed. July 9, 2014	2 GB (windows) (1,998,657,776 bytes)					HTML 9068 total symbols
10.0.1	Sept 17, 2014	for Microsoft Windows (64-bit) 2 GB (windows) (2,034,844,000 bytes)					

10.0.2	December 10, 2014	for Microsoft Windows (64-bit) 2 GB (windows) (2,020,305,024 bytes)					
10.1	March 30, 2015	for Microsoft Windows (64-bit) 2.1 GB (windows) (2,131,110,462 bytes) 2.8 GB (Linux) (2,865,437,463 bytes)					
10.2	July 14, 2015	for Microsoft Windows 2.2 GB (windows) (2,336,726,505 bytes)					
10.3	October 15, 2015	2.2 GB (windows) 2,398,816,027 bytes					
10.3.1	December, 2015	2.2 GB (windows) 2,398,225,619 bytes					
10.4	March 3, 2016	2.4 GB (windows)					
10.4.1	April 12, 2016 (time stamp of .exe)	2.38 GB (2,557,472,768 bytes) (windows)					
11	August 8, 2016	Zip file size (64-bit) 2.9 GB (windows) (3,082,143,354 bytes)					

11.0.1	Sept. 28, 2016						
11.1	March 16, 2017 Summary Of New Features	Zip file size (64-bit) 3 GB (windows) (3,267,335,904 bytes)					
11.1.1	April 25, 2017	Zip file size (64-bit) windows 3,328,349,226 bytes					
11.2	September 14, 2017 new features in 11.2 Wolfram blog on 11.2 Wolfram twitch TV review of 11.2	Zip file size (64-bit) windows 3,565,970,199 bytes					
11.3	March 8, 2018 new features in 11.3 Wolfram blog on 11.3						
12	April 16, 2019 Wolfram blog What is new in 12 List of new functions	Zip file size (64-bit) windows 3,686,626,865 bytes			278 new functions		
12.1	March 18, 2020 What is new in 12.1 Wolfram blog	Zip file size (64-bit) windows 4,534,832,311 bytes			182 new functions		
12.1.1	June 9, 2020 (1,000 bug fixed)	Zip file size (64-bit) windows 4,566,123,387 bytes					

12.2	December 16, 2020 Summary of new features	Windows zip file size 4,643,085,309 bytes			228 New functions		
12.3	May 20, 2021 Wolfram blog	TODO			115 New functions		
12.3.1	July 1, 2021	Windows zip file size 4,758,204,101 bytes			TODO		
13	December 13, 2021 What is new in V 13 Wolfram blog	TODO			117 New functions		
13.0.1	Thursday, February 17, 2022 What is new in V 13 Wolfram blog	TODO			N/A		

## Reference

- quick revision history
- mathematica25 history of Mathematica pages
- Version 11 summary
- <http://en.wikipedia.org/wiki/Mathematica>
- Wolfram Scrap book
- 25 years of Mathematica blog entry
- Wolfram 7.0 release blog
- Revision History of Mathematica
- communication from Dr. Robert Kragler
- Mathematica book, 5th edition. Bottom of page 224
- <http://reference.wolfram.com/legacy/v1/contents/acknowledgments.html>



- <http://reference.wolfram.com/legacy/v1/contents/acknowledgments.html>
- <http://reference.wolfram.com/legacy/v3/>
- <http://reference.wolfram.com/legacy/v4/>
- <http://reference.wolfram.com/legacy/v5/>
- <http://reference.wolfram.com/legacy/v6/>
- <http://reference.wolfram.com/legacy/v7/>
- <http://reference.wolfram.com/legacy/v8/>