These intangible assets impairment charges were included in impairment, integration, and restructuring expenses on our consolidated income statement, and reflected in Corporate and Other in our table of operating income (loss) by segment in Note 21 – Segment Information and Geographic Data.

We estimate that we have no significant residual value related to our intangible assets.

The components of intangible assets acquired during the periods presented were as follows:

(In millions)	Amount	Weighted Average Life	Amount	Weighted Average Life
Year Ended June 30,	**2017**		**2016**	
Customer-related	**$ 3,607**	**7 years**	$ 30	3 years
Technology-based	**2,265**	**2 years**	361	4 years
Marketing-related	**2,148**	**19 years**	2	1 year
Contract-based	**63**	**6 years**	0	n/a
Total	**$ 8,083**	**9 years**	$ 393	4 years

Intangible assets amortization expense was $1.7 billion, $978 million, and $1.3 billion for fiscal years 2017, 2016, and 2015, respectively. Amortization of capitalized software was $55 million, $69 million, and $79 million for fiscal years 2017, 2016, and 2015, respectively.

The following table outlines the estimated future amortization expense related to intangible assets held as of June 30, 2017:

(In millions)	
Year Ending June 30,	
2018	$ 2,190
2019	1,698
2020	1,180
2021	1,006
2022	932
Thereafter	3,100
Total	$ 10,106

NOTE 12 — DEBT

Short-term Debt

As of June 30, 2017, we had $9.1 billion of commercial paper issued and outstanding, with a weighted-average interest rate of 1.01% and maturities ranging from 25 days to 264 days. As of June 30, 2016, we had $12.9 billion of commercial paper issued and outstanding, with a weighted-average interest rate of 0.43% and maturities ranging from 1 day to 99 days. The estimated fair value of this commercial paper approximates its carrying value.

We have two $5.0 billion credit facilities that expire on October 31, 2017 and November 14, 2018, respectively. These credit facilities serve as a back-up for our commercial paper program. As of June 30, 2017, we were in compliance with the only financial covenant in both credit agreements, which requires us to maintain a coverage ratio of at least three times earnings before interest, taxes, depreciation, and amortization to interest expense, as defined in the credit agreements. No amounts were drawn against these credit facilities during any of the periods presented.