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Chapter 1. Platform Libraries Resources

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## Libraries

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<th>Libraries</th>
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| NVIDIA® Collective Communications Library™ (NCCL) | • NCCL (source: website)  
• Fast Multi-GPU collectives with NCCL (source: website; blog) |
| CUDA® Deep Neural Network library™ (cuDNN) | • cuDNN (source: website) |
| CUDA® Basic Linear Algebra Subroutines library™ (cuBLAS) | • cuBLAS (source: website)  
• cuBLAS Documentation (source: website, documentation) |
| NVIDIA® CUDA Fast Fourier Transform library (cuFFT) | • cuFFT (source: website)  
• cuFFT Documentation (source: website, documentation) |
| NVIDIA CUDA® Sparse Matrix library™ (cuSPARSE) | • NVIDIA CUDA cuSPARSE (source: website)  
• cuSPARSE Documentation (source: website, documentation) |
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