| Prohibited | Programming Languages and Data Access Methods | | | | | | | June 28, 2021 | |

The following **programming languages** are considered *Prohibited* technologies by COV per Enterprise Technical Architecture (ETA): Legacy Information Technology (IT) Solutions.

https://www.vita.virginia.gov/media/vitavirginiagov/it-governance/ea/pdf/Legacy-IT-Solutions-Topic-Report.pdf

Vendor	Programming Language Name	Version	Current Classification	General Availability	Divest: Plan	Divest: Execution	Prohibited	Vendor End of Support	References	Notes
CII Honewell Bull	Ada	2012	Prohibited	2012					https://en.wikipedia.org/wiki/Ada_(programming_language)	https://en.wikipedia.org/wiki/Groupe_Bull https://curlie.org/Computers/Programming/Languages/Ada
Association for Computing Machinery (ACM)	ALGOL	DG/L	Prohibited	1972					https://en.wikipedia.org/wiki/ALGOL	
IBM	APL	APL2	Prohibited	1984					https://en.wikipedia.org/wiki/APL_(programming_language)	
IBM	Assembler	BAL	Prohibited	1964					https://en.wikipedia.org/wiki/IBM_Basic_Assembly_Language_and_successors	
Dartmouth	BASIC	All versions	Prohibited	1964					https://en.wikipedia.org/wiki/BASIC	
Bell Labs	"C"	All versions	Prohibited	1973					https://en.wikipedia.org/wiki/The_C_Programming_Language	https://www.section.io/engineering-education/history-of-c-programming-language/
Nantucket Corporation	Clipper	xBase	Prohibited	1997					https://en.wikipedia.org/wiki/Clipper_(programming_language)	aka CA-Clipper
CODASYL	COBOL	All versions	Prohibited	1959					https://en.wikipedia.org/wiki/COBOL	https://en.wikipedia.org/wiki/CODASYL
Embarcadero Technologies	Delphi	All versions	Prohibited	1995					https://en.wikipedia.org/wiki/Delphi_(software)	https://en.wikipedia.org/wiki/History_of_Delphi_(software)
IBM	Fortran	All versions	Prohibited	1957					https://en.wikipedia.org/wiki/Fortran	
Software AG	Natural		Prohibited	1979					https://en.wikipedia.org/wiki/ADABAS#Natural_(4GL)	https://en.wikipedia.org/wiki/Natural_language https://www.xenonstack.com/blog/evolution-of-nlp/
MIT	Lisp	All LISP-based languages	Prohibited	1958					https://en.wikipedia.org/wiki/Lisp_(programming_language)	https://en.wikipedia.org/wiki/List_of_programming_languages_by_type#List-based_languages_%E2%80%93_LISPs
Unisys / Sperry	Mapper	All versions	Prohibited	1975					https://en.wikipedia.org/wiki/MAPPER	
Corel	Paradox	All versions	Prohibited	1985					https://en.wikipedia.org/wiki/Paradox_(database)	
Berkley	Pascal	All versions	Prohibited	1970					https://en.wikipedia.org/wiki/Pascal_(programming_language)	https://www.britannica.com/technology/Pascal-computer-language
IBM	PL/I	All versions	Prohibited	1964					https://en.wikipedia.org/wiki/PL/I	aka PL/1
IBM	Rexx	All versions	Prohibited	1979					https://en.wikipedia.org/wiki/Rexx	

Prohibited	Programming Languages and Data Access Methods			June 28, 2021					
IBM	RPG X	All versions	Prohibited	1959				https://en.wikipedia.org/wiki/IBM_RPG	

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https://www.vita.virginia.gov/media/vitavirginiagov/it-governance/ea/pdf/Legacy-IT-Solutions-Topic-Report.pdf

Vendor	Data Access Name	Version	Current Classification	General Availability	Divest: Plan	Divest: Execution	Prohibited	Vendor End of Support	References	Notes
	Adabas		Prohibited						https://documentation.softwareag.com/natural/nat6313win/pg/pg_dbms_ada.htm	https://en.wikipedia.org/wiki/Access_method
	IMS		Prohibited						https://flylib.com/books/en/2.869.1.57/1/	https://en.wikipedia.org/wiki/Access_method https://flylib.com/books/en/2.869.1.58/1/ https://en.wikipedia.org/wiki/IBM_Information_Management_System
	VSAM		Prohibited						https://en.wikipedia.org/wiki/Virtual_Storage_Access_Method	https://en.wikipedia.org/wiki/Access_method
	ISAM		Prohibited						https://en.wikipedia.org/wiki/ISAM	https://en.wikipedia.org/wiki/Access_method
	xBase		Prohibited						https://en.wikipedia.org/wiki/Microsoft_Data_Access_Components	https://en.wikipedia.org/wiki/Access_method
	Paradox		Prohibited						https://en.wikipedia.org/wiki/Microsoft_Data_Access_Components	https://en.wikipedia.org/wiki/Access_method
	Hierarchical Database Access	All	Prohibited						https://en.wikipedia.org/wiki/Access_method	e.g. HSAM, HISAM, HIDAM, HDAM, PHDAM, SHSAM, SHISAM, etc.
	Network Database Access	All	Prohibited						https://en.wikipedia.org/wiki/Access_method	e.g. BTAM, QTAM, TCAM, VTAM, etc.
	Non-security patch updated data ad	All	Prohibited						https://en.wikipedia.org/wiki/Access_method	All data access methods and versions without security patching

Key	Description
	Emerging
	Projected
	Approved
	Divest: Plan
	Divest: Execute
	Prohibited
	Skipped