CA 2E and CA Plex

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May 2017

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CA Plex Releases

- CA Plex 7.0:
  - GA March 2012
  - EOS January 2015
- CA Plex 7.1:
  - GA February 2014
  - EOS Target is September 2018
- CA Plex 7.2:
  - GA December 2015
  - EOS Target is September 2018
- CA 7.2.1:
  - GA August 2016
  - PTF Roll Up Release March 2017
  - EOS Current GA Version

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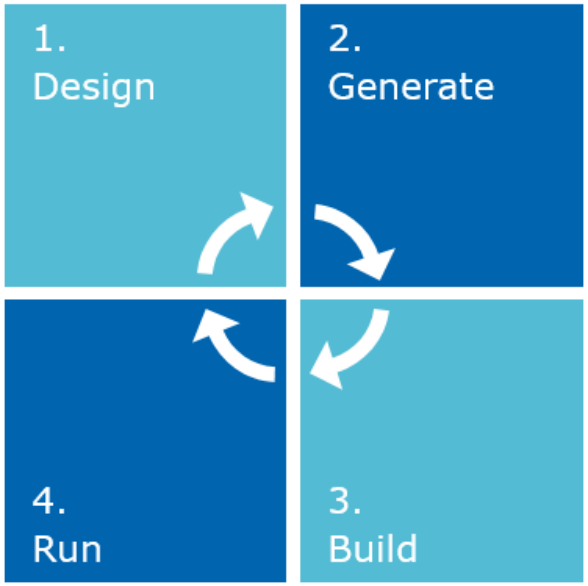
CA Plex 7.2.1

Features & Certifications

- Visual Studio 2013
- EJB 3.x support
- .Net 4.6 support
- Java Control ID
- Windows 10 support
- SQL Server 2014 support
- Merging fixes from earlier releases



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CA Plex Update

- Focus has been on Customer Support and helping customers upgrade to Release 7.2.1
- Engineering Team has been able to reduce Open L2 Cases by 80%

Team Remains Focused on Reducing Backlog and providing support for customers upgrading to Release 7.2.1

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CA Plex 7.2.1 Cumulative Update – March 9th 2017

Problem / Issue Number	Description	Tool	WinC	Win NTC	Java	.NET	IBM i	Gen?
(024.001)								
2448	Fix to highlight the MFC checkbox control on set focus.		✓					
2463	Fix to handle date field input validation.				✓			
2464	Fix to handle Plex GPF in model editor with space bar key.	✓						
2465	Fix to avoid Plex C++ generator crash in few circumstances with conditional block.	✓						
2466	Fix to avoid firing select event in case of Grid Reload.		✓					
2467	Fix to handle casting (numeric-char) correctly with different locale.						✓	
2468	Fix to suppress the import informational message XIE59844.	✓						
2469	Fix to terminate EJB properly after execution completes.				✓			
2470	Fix to C# runtime to avoid showing window in minimize state.					✓		
2471	Fix to provide *AllowDefaultWindowLoadOrder* C# configuration (<app>.exe.config) property to change the load order of windows to avoid application loading exceptions.					✓		
2472	Fix to save Panel element (fields) positions correctly in few circumstances.	✓						
2473	Fix to provide Plex.INI option to control EJB Local v/s Remote interface generation. For more details, please refer problem record 2473.	✓			✓			✓
2475	Fix to avoid NullPointerExcetion exception while logging errors.				✓			
2477	Fix to avoid WCF Service Generator import problem. For more details, please refer problem record 2477.	✓				✓		✓
2478	Fix to avoid Plex C++ generator GPF in few circumstances.	✓						✓
2480	Fix to avoid generating junk characters for C# function of type *OBASE/Check status*.	✓						✓
2481	Fix to generate Post build events correctly for C++ functions.	✓	✓	✓				✓

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CA Plex 7.2.1 Cumulative Update

Problem / Issue Number	Description	Tool	WinC	Win NT C	Java	.NET	IBM i	Gen?
2482	Fix to enable Trigraph support with C++ functions. By default, Trigraph support is no enabled with Visual Studio 2013.	✓	✓	✓				✓
2483	Fix to assign date value via C# source code object.					✓		
2484	Fix to avoid Panel freeze after returning immediately after selecting date from date picker.					✓		
2485	Fix to avoid Plex IDE GPF while expanding C# package object.	✓						
2486	Fix to improve group model extract/update performance.	✓						
2487	Fix to improve performance of Action Diagram copy/paste, drag/drop operations.	✓						
2488	Fix to update 'FIELDS/WizardCaption' message object in Fields Pattern library to have similar message text across all language variants.	✓						
2489	Fix to avoid Plex GPF in case of dragging Java function (having implementation name more than 30 characters) into Gen & Build window.	✓						

CA Plex with Large Group Models 37% performance increase:

Fix 2486: CA Plex 7.2.1 to check the "new" extract times. Waiting times have decreased from 2 hours and 15 minutes to 1 hour and 25 minutes.

For all customers with Large Group Models this improvement has a very positive impact on productivity.

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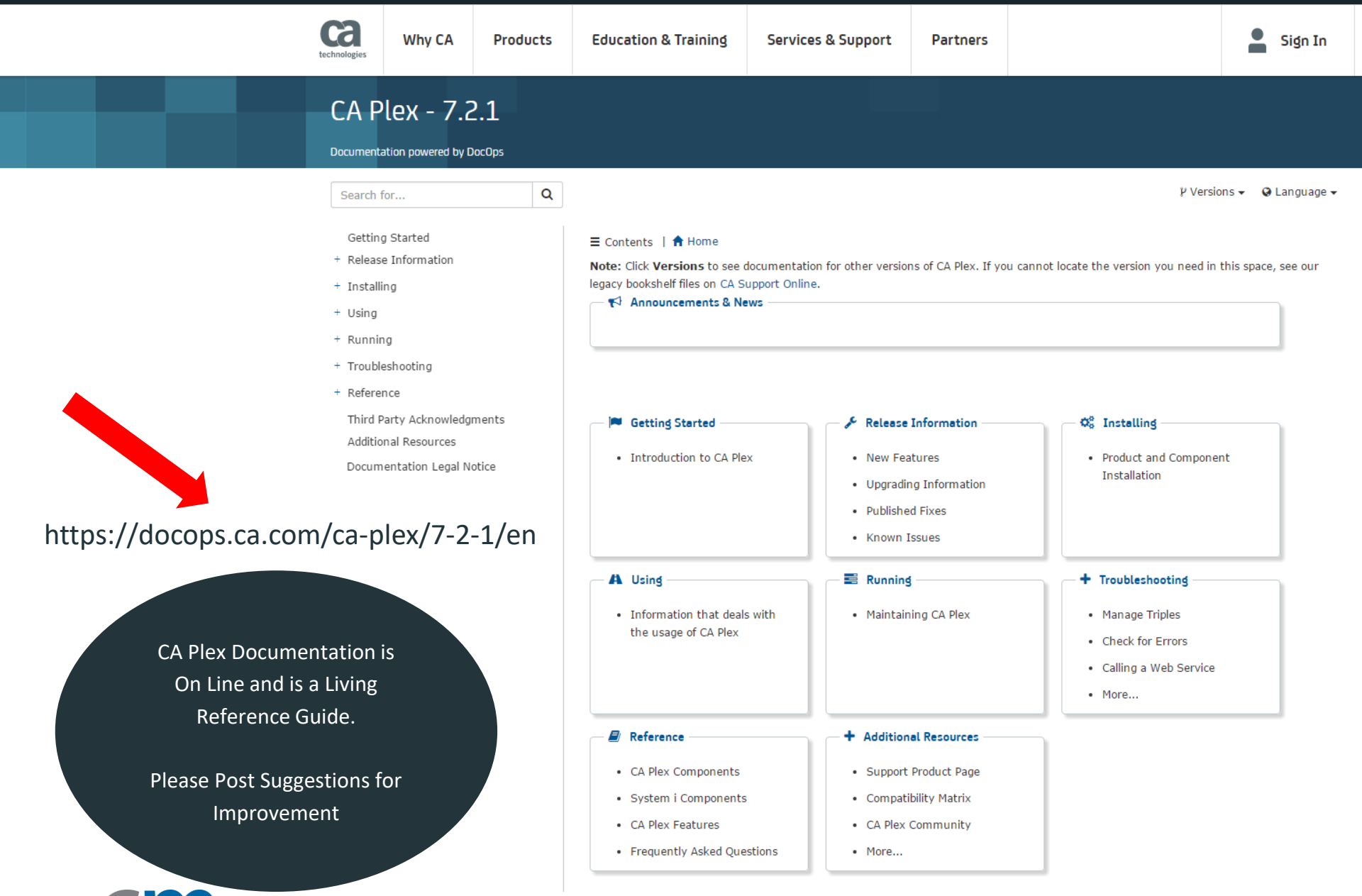

https://docops.ca.com/ca-plex/7-2-1/en

CA Plex Documentation is On Line and is a Living Reference Guide.

Please Post Suggestions for Improvement

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Roadmap: CA 2E

	Delivered	Planned	Under Consideration
Product/ Releases	**CA 2E 8.7**	**CA 2E 8.7.1**	**CA 2E 8.7.2**

Marquee Features/ Business Value	▪ **Simplify conversion from DDS to DDL database** by allowing you to continue to use RLA functions without regenerating and recompiling them
	▪ **Simplify deployment and Change Management** by allowing generated database objects to be compiled into any desired SQL collection or library as specified in the YSQLLIB model value
	▪ **Ensure that indexes are protected from data corruption** by creating them with LVLCHK(*YES) when the RCDFMT keyword is used
	▪ **Change Management support** for DDL objects
		▪ **IBM i OS 7.3 Certification** including all core components
		▪ **Improve SQL Support by** adding enhanced support for SQL
		  ▪ Optimize for "N" Rows
		  ▪ Partition Support
		  ▪ Select by Column Name
		  ▪ Custom Views
		  ▪ Data access by file type - RLA for DDS and SQL for DDL/SQL files
		▪ **Make it easier to consume web services** by having meaningful names in WSDL
		▪ **Make CA 2E Easier to Use** by adding native string handling routines
		▪ **Architectural Runway for REST API Enablement**
			▪ **Customer Enhancements**
			▪ **Improved Performance**
			▪ **Improved API Support**
			▪ **REST Enablement**

	Currently GA		

Timeline as of December 2016

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- Plans for CA Plex
  - Release 7.2.1 customer upgrade success stories
  - CA Plex scalability in a 64 Bit World
- Plans for CA 2E
  - New 8.7.1 Release
    - Improved SQL Features and Support
  - Demo of REST API Enablement Prototype

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Questions?

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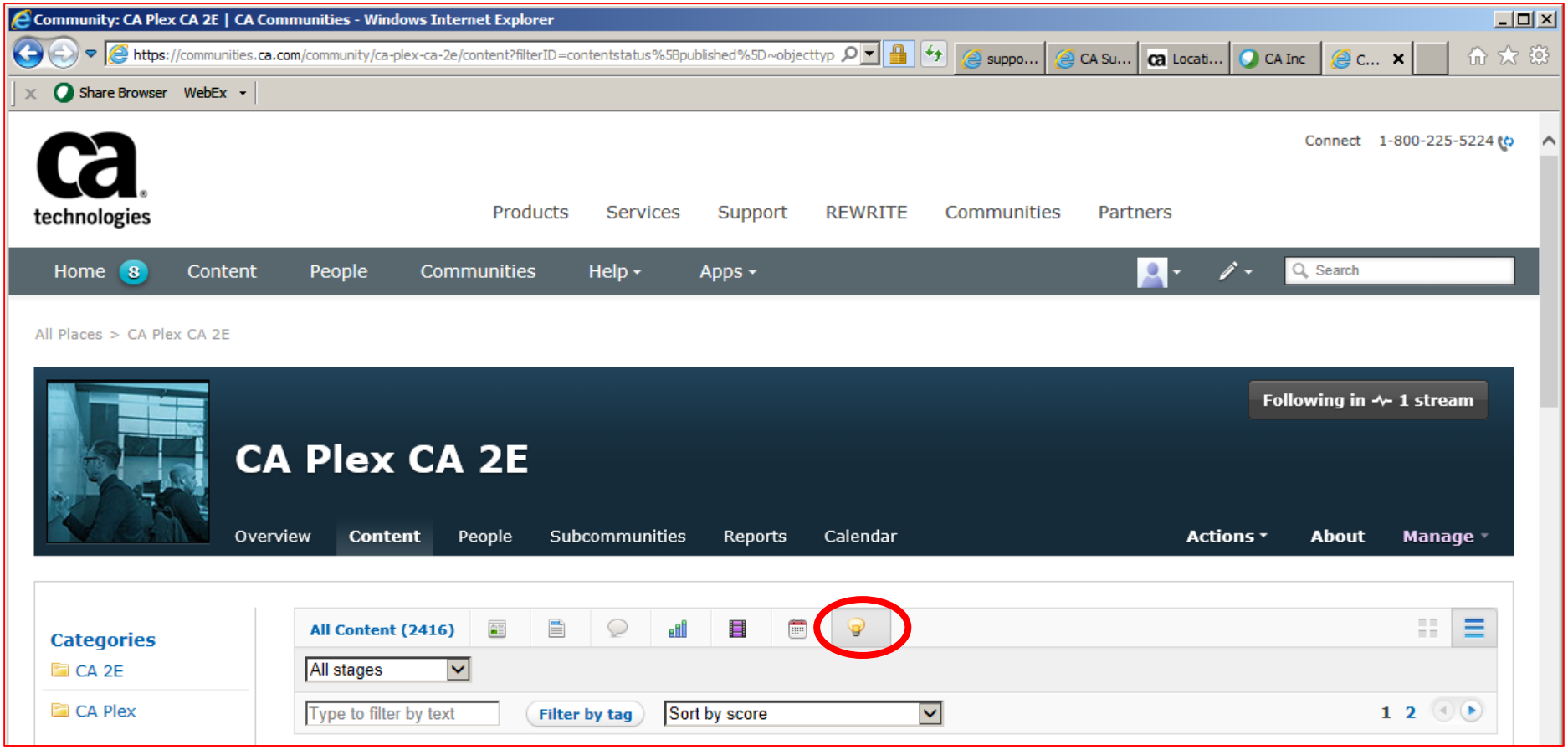
Ideas - communities.ca.com



Ideas with less than 10 votes in 6 months will be likely be marked as “Not Planned”, it is important for all members of the community to review the submitted items and vote on them

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