

PowerBuilder - Analysis results

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Summary: This document provides information about the analysis results you can expect from a PowerBuilder analysis.

What results can you expect?

Once the analysis/snapshot generation has completed, you can view the results in the normal manner (for example via CAST Enlighten):

Objects

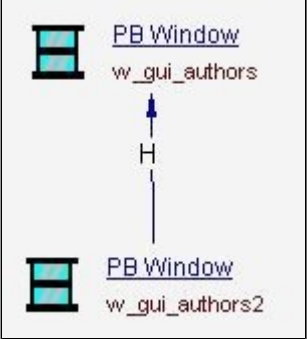
	PB Program/Analysis
	PB Library
	PB Window
	PB User Object
	PB DataStore
	PB DataWindow
	PB Structure (Global)
	PB Menu
	PB Application
	PB Function Global
	PB Control
	PB Function
	PB Event
	PB RPC Function
	PB Declare Procedure
	PB Declare Cursor
	PB External Function
	Variable (Member, Instance, Shared, Global, Variable)
	PB8 Workspace
	PB Proxy Object
	PB Target



Links

Client/Client

Link Type	When is this type of link created?
Access - Read - Write - Exec - Member - Array	Caller: Code object - fct, Event... Callee: Variable (instance, shared or global) Eg.: <pre> if a = 2 then ... endif </pre>
	Caller: Code object - fct, Event... Callee: Variable (instance, shared or global) Eg.: <pre> a = 2 </pre>
	Caller: Code object - fct, Event... Callee: Fct, Evt, Global Fct Eg.: <pre> a.f() </pre> <p>Please note that when a window is opened (open(w1) for example), there will be an Access Read on w1</p>
	Caller: Code object - fct, Event... Callee: Variable (instance, shared or global) Eg.: <pre> a.b = 2 </pre> <p>(member on a and write on b)</p>
	Caller: Code object - fct, Event... Callee: Variable (instance, shared or global) Eg.: <pre> A[5].b = 2 </pre> <p>(array on a and write on b)</p>
Prototype	When declaring an external function in an object and the function in a DLL that implements it.
Use - Select - Insert - Delete - Update	When the property of an object references a datawindow.

Inherit	<p>When there is inheritance between controls, user objects, menus, and windows. In the following example, the window "w_gui_authors2" inherits from "w_gui_authors":</p> 
Mention	<p>During the creation of a class. The callee is always a class: (W,App,UO,M,Struct). E.g.:</p> <pre data-bbox="300 619 1485 693">a = Create UO</pre>
Rely On	<p>This link is displayed when there is a link between a variable and a type. When the link is on a local type variable, the link will then be escalated internally. E.g.:</p> <pre data-bbox="300 798 1485 871">w1 var</pre>

Client/Server

Type of Link	Where is this type of link created?	When is this type of link created?
Use():	Embedded SQL	-
- Select	Datawindow	- Link between Datawindow and table (or view) with PB SELECT
- Insert		- Link between Datawindow and table (or view) with SQL Select
- Delete	Dynamic SQL	- Link found by the inference engine
- Update		
Prototype	RPC Declare Procedure Declare Cursor	- Link between the logical object corresponding to the logical name in PB and the server object.
Call	Datawindow	- Link between Datawindow and Procedure (or sub object in Oracle)
	Dynamic SQL	- Link found by the inference engine for server functions or procedures
Use	Dynamic SQL	- in dynamic SQL character strings.