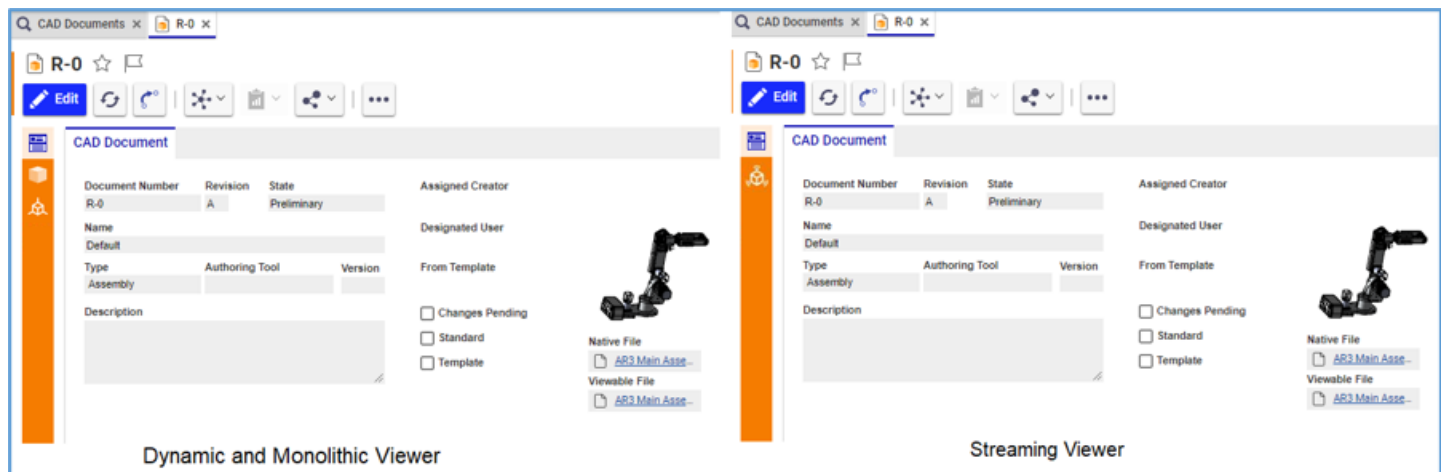


CAD Documents and 3DV

In Aras Innovator, a **CAD Document** Item represents a part or assembly drawing, specification, 3D model, and so on. For Aras 3DV visualization purposes, the **CAD Document** Item should be a mechanical part or assembly 3D model created in a CAD editor.



Hereinafter, a CAD Document will mean a **CAD Document** Item to simplify wording.

An assembly 3D model shows a complex product that consists of multiple parts (components). In such a case, a given CAD Document includes one or more other CAD Documents on its **Structure Relationships** tab. Another industry-common term is a parent CAD Document that has child CAD Documents. In technical terms, an assembly **CAD Document** Item has a **CAD Document Structure Relationship** Item for each included part **CAD Document** Item, where the assembly **CAD Document** Item is a source Item, and a part **CAD Document** Item is a related Item. A child CAD Document can be a leaf part or another parent (subassembly). The latter case is a multi-level CAD (Document) structure or assembly.



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▼ CAD Document

Structure Parents Files Changes

CAD Documents ☆

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Seque...	Document Number ↑	R.	Name	Type	S.	Native File...	Viewable File ...	Authoring Tool	Dependency	C...	S...	T...	Dynamic Enabled
128	R-1	A	Base Assembly-2	Mechanical/Assembly	P...	Base...	Base Ass...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
384	R-10	A	Limit Switch SV-166-1C25-1	Mechanical/Part	P...	Limit...	Limit Swit...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
512	R-11	A	Bearing 32009X-1	Mechanical/Part	P...	Bearin...	Bearing_3...			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For more information on CAD Documents, see the *Aras Innovator Product Engineering 31 - User Guide*.

