

# Aras Dynamic Visualization Installation

The following steps outline the process of installing the Aras Dynamic Visualization:

1. In the unzipped Aras 3D Visualization CD Image on the local machine, go to the `\Packages\DPN\` folder.
2. Copy the contents of the **"Innovator"** folder into the `CodeTree\Innovator\` folder of the Work.git repository.

3. Add a configuration transformation file for the `\Innovator\Server\method-config.xml` in the `\TransformationsOfConfigFiles\Innovator\Server\` folder of the Work.git repository with the following content:

```
<MethodConfig xmlns:xdt=" http://schemas.microsoft.com/XML-Document-Transform ">
  <ReferencedAssemblies>
    <name id="Aras.DynamicModelViewer.Core"
xdt:Transform="InsertIfMissing"
xdt:Locator="Match(id)">$(binpath)/Aras.DynamicModelViewer.Core.dll</name>
    <name id="Aras.DynamicModelViewer.DataModel"
xdt:Transform="InsertIfMissing"
xdt:Locator="Match(id)">$(binpath)/Aras.DynamicModelViewer.DataModel.dll</name>
    <name id="Aras.DynamicModelViewer.QueryProcessor"
xdt:Transform="InsertIfMissing"
xdt:Locator="Match(id)">$(binpath)/Aras.DynamicModelViewer.QueryProcessor.dll</name>
  </ReferencedAssemblies>
</MethodConfig>
```

## Important

The `\Innovator\Server\method-config.xml` is available from the Baselines Artifact feed of the SDE for reference when building configuration transformation files.

4. Copy the **DynamicModelConstructor** and **DynamicModelConstructor\_default** folders from the Aras 3D Visualization CD Image\Packages\DPN\Imports\ folder into the AML-packages folder of the Work.git repository.



## Important

Do not copy the **imports.mf** file. Doing so will result in overwriting the existing **imports.mf** file of the Work.git repository.

5. Open the `dynamic_model_constructor_imports.mf` file.

6. Copy the following `<package>` elements:

```
<imports>
  <package name="dynamic_model_constructor" path="DynamicModelConstructor">
  <dependencies name="com.aras.innovator.csvc" />
  <dependencies name="hoops_converter" />
</package>
</imports>
```

7. Paste the `<package>` elements into the **imports.mf** file of the Work.git repository.

8. Open the file `dynamic_viewer_imports.mf` from the folder Aras 3D Visualization CD Image\Packages\DPN\Imports

9. Copy the following `<package>` element:

```
<imports>
  <package name="dynamic_model_constructor_default"
  path=" \DynamicModelConstructor_default\DynamicModelConstructorDefault">
  <dependencies name="dynamic_model_constructor" />
</package>
</imports>
```

10. Paste the `<package>` elements into the **imports.mf** file of the Work.git repository, after the previously pasted element:

```
<imports>
  <package name="dynamic_model_constructor" path="DynamicModelConstructor">
  <dependencies name="com.aras.innovator.csvc" />
  <dependencies name="hoops_converter" />
</package>
  <package name="dynamic_model_constructor_default"
  path=" \DynamicModelConstructor_default\DynamicModelConstructorDefault">
  <dependencies name="dynamic_model_constructor" />
</package>
</imports>
```

11. Stage and review the changes to ensure that no customizations are overwritten.

12. Commit the changes.

13. Run the "continuous-integration" pipeline.

14. Run the "deploy-innovator" pipeline to complete the installation.

