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# **Unreal Cooking Insights**

An overview of profiling your package data using Unreal Cooking Insights



**Unreal Cooking Insights** provides you with the ability to gather and display information about the way packages are cooked in your project. Large cooking times can significantly affect the productivity of teams that are working on larger projects. By showing the times it takes to cook each package, this tool can help reduce cooking times.

### Setup

You can run a trace for cooking insights from the command line by using the command:

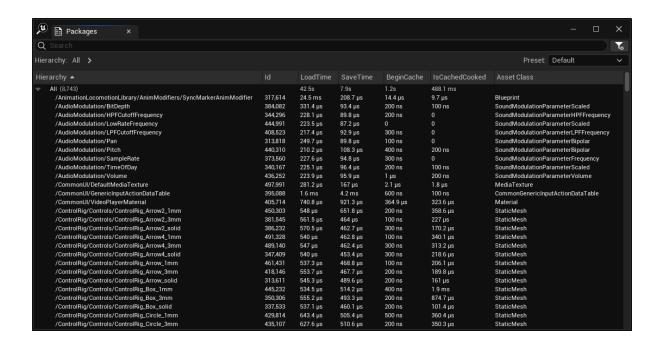
```
1 trace=default,cook
2
□ Copy full snippet
```

Alternatively, you can run the following command to target a specific host and platform:

```
1 MyProject -run=cook -log -trace=default,cook -tracehost=localhost -targetplatform=Windows
2
```

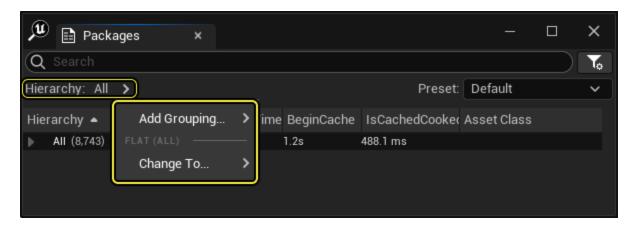
Copy full snippet

When loading a trace that contains cook data, the **Packages** table will be populated with the **load time**, **save time**, and **cooking time** for each package when the analysis is complete.



## **Hierarchy Sorting**

When selecting the **Hierarchy** filter, you can choose from the following Grouping options.



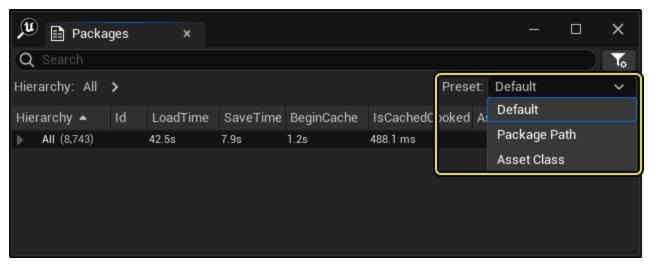
### **Hierarchy Grouping Option**

### **Description**

Flat (All)	Creates a single group that includes all items.
Unique Values - Asset Class	Creates a group for each unique value.
Path Breakdown - Package Name	Creates a tree hierarchy out of the path structure of string values.

## **Preset Options**

When observing your package data, you can navigate to **Preset** to configure your tree view.



You can choose from the following Presets:

Preset Option	Description
Default	Shows the default packages info.
Package Path	Groups packages by the package path.
Asset Class	Groups packages by their most important Assets.

## **Column Sorting**

**Column Name** 

Cooking Insights groups specific package data in the following columns.

**Description** 

	2 coonpact	
Hierarchy	Hierarchy of the package's tree.	
ld	The ld of the package.	
LoadTime	The amount of time it took to load the package.	
SaveTime	The amount of time it took to save the package.	
BeginCache	The total time spent in the BeginCacheForCookedPlatformData function for the package.	
IsCachedCooked	The total time spent in the IsCachedCookedPlatformDataLoaded function for the package.	

### Column Name Description

Asset Class The class of the most significant Asset in the package.
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You can sort columns into the following sorting categories.

### Sorting Option Description

Sort Ascending	Sort your chosen column in ascending order.
Sort Descending	Sort your chosen column in descending order.
Sort By	Sort your column by the following values:  Package Hierarchy  Id  LoadTime  SaveTime  BeginCache  IsCachedCooked  AssetClass

You can also customize the table by showing and hiding columns individually by using the following options.

### Column Visibility Description

View Column Hides or shows columns.
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### Description

Shov	v All Columns	Resets the tree view to show all columns.
Rese	et Columns to Default	Resets columns to default.