# Oracle® Health Sciences ClearTrial Cloud Service

Release Notes

Release 5.7

**E95413-01**

***April 2018***

5.7 brings new and enhanced capabilities to Oracle Health Sciences ClearTrial Plan and Source Cloud Service for increased accuracy, flexibility, efficiency, and transparency for your study planning, forecasting, budgeting, and outsourcing needs.

This update also includes a NEW ClearTrial 5.7 Cost Model. Upgrade your plans and user-defined templates so that you can take advantage of the latest costing algorithms.

## Technical Requirements

**Important:** ClearTrial 5.7 no longer operates with versions of Microsoft Internet Explorer for which Microsoft has ended support. Please upgrade to a currently supported version of Microsoft Internet Explorer (11 or Edge) or, as recommended, use Google Chrome to access the service. For more information, see the `Oracle Software Web Browser Support Policy`.

5.7 also includes an update to the minimum Screen Resolution or Size to 1366 x 768 pixels.

For more information on ClearTrial's minimum and recommended configurations, please visit the latest version of the `Technical Requirements`, accessible from the new `Oracle Help Center`.

## Best Practices

As with every update, we are keen to offer the ClearTrial recommended best practices to ensure you are most effective in your usage and budgeting operations.

- **Lock your plans** if you do not want users to change any assumption values you entered.
- **Freeze billing rates** anytime you are satisfied with your operational budget's forecast.
- **Upgrade existing plans and custom templates** to the latest cost model that ClearTrial offers.

  **Why?** Upgrading plans and user-defined templates to the latest cost model ensures you are working with the latest updates to fees and costs included in both the ClearTrial Work Breakdown Structure (WBS) and indirect (pass-through or miscellaneous) cost calculations. Existing plans and user-defined templates do not automatically get upgraded with each update that includes a new, available cost model.

### Upgrading to the 5.7 Cost Model

Evaluate Cost Model impact to plans or templates to determine the impact of upgrading existing plans or user-defined templates to the latest cost model, follow these steps to quickly see the impact to the budget:

1. From the **Plan** or **Template** list, copy the existing plan or template you want to upgrade.
2. Update the cost model of the copy:
   a. Select the copied plan or template.
   b. Click **Other Actions...** and select **Change Attributes**.
   c. On the **Change Plan Attributes** dialog, select **5.7** from the **Cost Model** drop-down list.
   d. Click **Save & Close**.
3. From the list screen, select the original and its copy, and then click **Compare** to run any of the comparison reports.

## New Oracle Help Center

**What's changed?** The existing, embedded ClearTrial Support Center has been replaced with the new `Oracle Help Center`. The Oracle Help Center is accessible from the same locations within the service as used today.

- Next to your name in the upper right menu, click on the **Visit Oracle Help Center** link.
- From the Help menu, select **Launch Oracle Help Center**.

The Oracle Help Center offers various service-specific multimedia content and based on your needs.

- **Get Started:** Activity-directed content and resources, including what's new in the service.
- **Videos:** Goal-directed educational videos that will help you learn how to use the service.
- **Books:** User guides and Release Notes.
- **Search:** Identify and find the specific information you need. Use the search bar at the top of any screen to search the entire documentation library, or use the search bar on the left while browsing a book to search within the current book.

## Clinical Intelligence Update

As part of the ongoing commitment to maintain industry-standard algorithms, ClearTrial continuously performs a detailed analysis of our embedded clinical intelligence to ensure that we are aligned with the latest industry standards and trends.

### MOH/FDA Delays Update

**What's changed?** The Ministry of Health (MOH) or FDA Delay per location defaults have been updated to be aligned with the latest updates to global regulatory authority review times per country.

This includes an update to the default MOH delay per ClearTrial-defined region to use the median value across all countries under each economic region.

22 out of 98 ClearTrial supported locations have been updated.

## Work Breakdown Structure (WBS) Update

This update includes various updates to the ClearTrial-defined WBS. In summary, the following updates are included in the ClearTrial 5.7 Cost Model.

- Introduction of the Lead CRA resource.
- Updated Major Tasks, Tasks, and Resources.
- Updates to defaults for ClearTrial-defined assumptions and level of effort calculations.
- New units of measure and cost drivers.
- A new 5-task structure for all site visit algorithms including Pre-study Site Visit (PSSV), Site Initiation Visit (SIV), Interim Monitoring Visit (IMV), and Site Close-out Visit (COV).

The following ClearTrial-defined Major Tasks and Tasks have been added or renamed in the 5.7 cost model:

***Table 1 Added or Renamed Major Tasks***

| 5.6 Major Task Name | 5.7 Major Task Name |
|---|---|
| Site Audited | Quality Assurance - Site Audit |
| Pre-study Site Visit (PSSV) | Pre-study Site Visit |
| Pre-study Site Visit (PSSV) by Phone | Pre-study Site Visit by Phone |
| One Hour of Phone-based Monitoring | Phone-based Monitoring Visit |
| Onsite Monitoring Visit - Prep, Travel, Reporting, and Follow-up | Onsite Monitoring Visit - Non-SDV Activity |

***Table 2 Updated Tasks, by Major Task***

| 5.6 Task Name | 5.7 Task Name |
|---|---|
| **Pre-study Site Visit** | **Pre-study Site Visit** |
| (None) | Pre-study site visit - Trip Report Review |
| **Pre-study Site Visit by Phone** | **Pre-study Site Visit by Phone** |
| (None) | Complete phone-based pre-study site visit Trip Report Review |
| **Site Initiation Visit** | **Site Initiation Visit** |
| (None) | Site initiation visit - Trip Report Review |
| **Site Initiation Visit by Phone** | **Site Initiation Visit by Phone** |
| (None) | Complete phone-based site initiation visit Trip Report Review |
| **Onsite Monitoring Visit - Prep, Travel, Reporting, and Follow-up** | **Onsite Monitoring Visit - Non-SDV Activity** |
| (None) | Onsite monitoring visit - Trip Report Review |

*Table 2 (Cont.) Updated Tasks, by Major Task*

| 5.6 Task Name | 5.7 Task Name |
|---|---|
| (None) | Onsite monitoring visit - Perform other onsite activities |
| **One Hour of Phone-based Monitoring** | **Phone-based Monitoring Visit** |
| Perform phone-based monitoring visit | Complete phone-based interim monitoring visit |
| (None) | Complete phone-based interim monitoring visit - Trip Report Review |
| **Separate Drug Accountability Visit** | **Separate Drug Accountability Visit** |
| (None) | Prepare for separate drug accountability visit |
| (None) | Travel to site to perform separate drug accountability visit |
| (None) | Follow-up for separate drug accountability visit |
| **Site Audited** | **Quality Assurance - Site Audit** |
| ■ Conduct pre-audit discussions with clinical, regulatory and sponsor<br>■ Travel to and from study site for audits<br>■ Obtain and review investigator file documents for audits<br>■ Write the audit report<br>■ Review final audit report<br>■ Conduct post-audit discussions with clinical, regulatory and sponsor | ■ Site Audit - Preparation<br>■ Site Audit - Travel<br>■ Site Audit - Onsite Time<br>■ Site Audit - Reporting/Follow-up<br>■ Site Audit - Report Review by Mgmt |
| **Site Close-out Visit** | **Site Close-out Visit** |
| ■ Conduct final onsite visit - Preparation<br>■ Prepare site close-out monitoring report<br>■ Complete drug reconciliation/accountability/return<br>■ Review all regulatory documents<br>■ Close out EDC<br>■ Collect the investigator study report<br>■ Return and/or ensure destruction of study drug<br>■ Ensure close-out report issued to sponsor | ■ Conduct final onsite visit - Preparation<br>■ Conduct final onsite visit - Travel<br>■ Conduct final onsite visit - Onsite Time<br>■ Conduct final onsite visit - Reporting/Follow-up<br>■ Conduct final onsite visit - Trip Report Review |
| **Site Close-out Visit by Phone** | **Site Close-out Visit by Phone** |
| Conduct final site visit (via phone) | Conduct final site close-out visit (via phone) |
| (None) | Conduct final site close-out visit (via phone) Trip Report Review |

### Updates to Units of Measure and Cost Drivers

- The unit for the Phone-based Monitoring Visit major task has changed from Hours to Phone IMV.
- The following new units of measure or cost drivers are available to leverage when defining custom algorithms:
  - Month
  - Day
  - Phone PSSV
  - Phone SIV
  - Phone IMV
  - Phone COV

### Updates to Resources

- Existing QA01 - Compliance / QA Manager has been updated to **QA01 - Quality Assurance Manager**
- Existing QA02 - Compliance / QA Auditor has been updated to **QA02 - Quality Assurance Auditor**
- New **CR09 - Lead CRA** resource is included by default on all new visit-specific trip report review Tasks.

### New Paradigm for Site Visit Labor

The Major Tasks listed below have been updated to use a 5-task pattern for the various activities performed for each visit. This includes preparation, travel, reporting/follow-up, onsite time and trip report review activities included by default under each type of site visit Major Task.

## Increased Transparency into Monitoring Efforts

**What's changed?** The existing effort calculated for the "Monitored, Clean CRF Page" Major Task has been broken out into two distinct Major Tasks and Tasks to account for SDV and non-SDV related activities.

Existing 5.6 Major Task, "Onsite Monitoring Visit - Prep, Travel, Reporting and Follow-up" has been updated to "Onsite Monitoring Visit - Non-SDV Activity" and includes two additional Tasks for other onsite time and trip report review activities. Two new Tasks include the following:

- Onsite monitoring visit - Perform other onsite monitoring activities
- Onsite monitoring visit - Trip Report Review

The new Task for other time onsite is driven by a new "Other hours onsite per visit" assumption located on the Monitoring tab of your plans. This field allows you to specify the number of hours expected during each visit to perform activities not directly related to source document verification.

**Separate Drug Accountability Visit Updates** To more accurately account for the various activities under the existing Separate Drug Accountability Major Task, the following Tasks have been added:

- Prepare for separate drug accountability visit
- Travel to site to perform separate drug accountability visit
- Follow-up for separate drug accountability visit

Default hours for the selected resource performing work on the existing ClearTrial-defined Task, Perform Separate Drug Accountability Visit has also been updated.

**Monitoring Visit Time Calculation Update** The monitoring time per visit calculation has been updated to use the same Minutes per CRF Page value for the baseline visit and all interim visits.

## Reporting Enhancements

ClearTrial 5.7 brings various enhancements to the out-of-the-box reporting capabilities, and offers extended configurability and control to create and build the reports you need, on demand.

### Compare Templates

**What's new?** The ability to compare templates, akin to how you compare plans, to quickly assess the impact and differences between multiple templates.

**How do I compare templates?**

1. From the **Templates** screen, launched from **Maintain** > **Templates**, select the templates you want to compare.
2. Click the **Compare** button.

### Enhanced Summary Grid Report

The Summary Grid report looks and works better than ever. With extensive configurable reporting parameters, you can create the type of Bid Grid report required by your vendors or effectively replace your existing internal vendor selection tools and processes to have them reside alongside other planning and contracting data, in a single data source.

Managing Bid Grid reports outside of ClearTrial can be costly by creating multiple disparate, interoperable sources of data making it harder over time to harvest to drive insight. Leveraging ClearTrial for both your study budget planning, forecasting, outsourcing and contracting (including bid grid reporting), offers one single, secure, traceable repository to harvest all your trial data over time.

**New name:** The Summary Grid by Major Task report launched from the Reports tab of your plan has been renamed the Summary Grid report

**New reporting groupings:** This summary level plan report will always include data at the Major Task level, with the flexibility to choose from a list of available groupings for which you want to group by in the report. This includes grouping data by Provider, Location, Major Task or Cost, Task and Resource.

**Configurable sort order:** Ability to configure the sort order of the data groupings displayed in the report output.

**New option for multiple provider selection:** Akin to other ClearTrial-defined reports, in the new Providers to Include section, you can now select multiple or 'All Providers' from the list of providers in your plan.

**New rollup options:** Two new options, Rollup provider level data and Rollup location level data, to rollup data across All Provider' or across All Locations.

**Changes to pre-populated data options:** With one click, you can quickly and easily generate a populated grid with all values for hours or costs based on the levels of data you selected to display or create a blank grid to start with.

**New option Include inflation:** Use this option to include or exclude inflation in the report. If inflation is included, you will see an explicit note displayed at the top of the report to indicate that inflation was added, in case you have to revisit the report at a later time and can't remember what you selected when you ran the report.

**New option Include zero hours/costs:** If you want to obtain the same report structure, select this option so that all hours and costs including those that are set or calculated as zero, are displayed in the report.

**New option Include excluded tasks/costs:** If you want to obtain the same report structure, i.e., have the same number of line items each time you run this report, select this option to include tasks or costs that were excluded from the plan at any stage of your budget cycle. Selecting this option dynamically selects and disables the include zero hours/costs option in the report.

> **Note:** Any calculated or existing fees for tasks which have been excluded will be associated with the last assigned provider for that task.

**New flat-file format for Excel analysis:** If you intend to use this report to feed data visualization programs or to create pivot tables with as little manipulation required, this option creates a flat-file format that is suitable for offline excel analysis. This format includes exclusive updates including non-merged cells per data point and updated header data, so you can easily insert this report into your Statement of Work (SOW) or RFP Bundle.

## Resources by Department and Resources by GL Code Reports

**New options to include indirect costs:** You have the flexibility to include or exclude all indirect (pass-through or miscellaneous) costs or include only those indirect cost items specified to be included in the report from the Costs tab of your plan.

**New options to include or exclude resources with no hours and costs with no amount:** These items were previously excluded from the two reports automatically. The ability to include these items in reports is useful if you’re interested in generating a report with the same number of rows and columns each time. With a consistent report, you can set up templates or Excel formulas to help you work better with these reports outside of ClearTrial.

**Updated column and new column:** The # Units column used to display both the value and unit of measure. Now it strictly includes a numeric value so that, in Excel, you can use this column for calculations. The unit of measure is now displayed separately in the new Unit column directly to the right of # Units.

In the **XLS format of the report**, cells with no value no longer contain N/A, instead they are blank to allow for use of formulas.

## User Report

**What's new?** Launched from the Report menu of your plan, the existing User Report has been updated to include users whose account has been deleted and displays the created and deleted dates for auditing purposes.

Continuous user account governance by ClearTrial System Administrators is recommended to effectively manage all users at any given time, for your organization. This can be done easily with the existing ClearTrial-defined Plan Inventory Report and the updated User Report.

## Fixed Unit Prices Report

**What's changed?** The Fixed Unit Prices report has been enhanced to give you a more refined and cleaner output that is easier to read.

**New option to include estimated start, end dates and duration:** You have the upfront flexibility on the report input screen to include the start date, end date and duration per Major Task, so you don't have to delete these data points each time you run the report, if they are not needed.

**Eliminated redundant data display:** The Number of Units, which each task inherits from its Major Task, and the Unit of Measure display has been consolidated into single, adjacent cells in the Major Task subtotal row.

## Pass-Through and 3rd Party Costs Report

- **New option to show inflation on a separate line:** Displays inflation as a separate line item in the report.
- **New option to include estimated dates for costs:** To exclude existing timeline details per cost, you have the flexibility to choose if you want to include the cost start date and cost end date, instead of having to remove them manually each time from the report output.

## Milestone Dates Report

A new column, **Days from Last**, has been added to the right of each milestone date, which displays the number of days from the last milestone so that you can easily insert this report in your SOW or RFP Bundle to provide an overview of the timeline and key progress points.

## Capacity Planning Reports

The Resource Name and Resource Code sometimes concatenated in the UI are displayed in separate columns instead of being merged so you have quick, easy access to each data point from a single cell. You will see this update in the following reports when you select the Format for Excel Analysis option:

- Resource/FTE Demand Summary
- Resources By Major Task
- Resources By Department
- Resources By GL Code
- Resource Demand By Date
- Billing Rates Report

### General Formatting Enhancements

We've made several enhancements to reports to improve your use of them. Highlights included below:

- Reports are now easier to read and scan.
- Reports exported to Excel have significantly fewer merged cells and narrow columns.
- In PDF format, reports now print to 8.5 x 11 inches (letter paper size) by default, without having to select a fit-to-page option.
- Data in reports now fits without wrapping, with a few exceptions.
- Introduced support to display long numeric values and long headers in full.
- Reports are now consistent with each other.
- All reports now display a timestamp to help you distinguish multiple versions of the same report.

## Usability or Efficiency Enhancements

The updates in this section improve on the ease of use, maximize efficiency and give you a more efficient user experience in ClearTrial.

### New Customer Preferences

Launched from **Admin** > **Customer Preferences** there are new customer-level configurations that users with the assigned ClearTrial **System Administrator** role can configure for all users of the service, on demand

#### Combine the Unit Hours and Algorithm Tabs in Task Manager

**What's changed?** A new setting or preference, **Combine the Algorithm and Hours Tabs in Task Manager** is available under Customer Preferences that lets you choose if you want the tabs to appear combined or separately.

> **Note:** This setting is set to True (on) for CROs and set to False (off) for Sponsors, by default.

Combining these two tabs in Task Manager lets you view, adjust, or override the resource-specific assumptions in one place, without having to move between tabs.

**Who sees the change?** Users assigned WBS Editor or WBS Manager additional role subscribed to Enterprise Edition.

### Configurable ClearTrial System Administrator Contact Details Display

**What's changed?** Name, Phone Number and Email have also been added to the existing list of Customer Preferences to give you the flexibility to update your administrator's contact details, when user assignments change. These details are used to inform other users when they have updates or issues with their user accounts. Examples include:

- In the message displayed on the login page when users are locked out of their account and need a password reset.
- In the email messages users receive when there are any updates made to their user account, such as new user account creation or updates to existing user account data.

This information will help users contact their administrator for immediate assistance with their user account.

> **Reminder:** Take a moment and review the existing customer preferences set for all users and add or update these fields, especially if your legacy ClearTrial System Administrator has been updated to a new user at your organization.

**Who sees the change?** All users will see their assigned ClearTrial System Administrator's contact information displayed when they have updates to their user account or get locked of their account.

## Combined Billing Rate and Rates & Substitutions Tabs

**What's changed?** Launched from **Task Manager** > ***Major Task*** > ***Task*** > ***Resource*** level, you will see one combined tab or place to view and adjust a resource's billing rate location, billing rates and substitution assumptions.

**Who sees the change?** Users assigned the WBS Editor or WBS Manager additional role subscribed to Enterprise Edition.

> **Note:** This update does not require a customer preference setting and is applicable to all users to maximize efficiency.

## New User-defined Filter Criteria

**What's new?** When you create a user-defined filter on the Plan List screen, you will see new filter criteria to filter your plans by, including the flexibility to filter by Study Name and Product Name, in addition to Plan Name.

You will see the following new criteria on the Define Plan Filter dialog:

- Study name starts with
- Product name starts with

You will see the following new criteria on the Define Study Filter dialog:

- Product name starts with

### Assign a Code for Indirect Costs

**What's new?** The Code field, which used to be available for tasks only, is now also available for costs. You can use the new Code field for indirect costs to specify a custom code for the cost. Together with the existing Code field for Tasks, you can use them to map tasks and costs back to your partner's grid.

The ability to provide a code and edit the mapping key are now consistent and available for a task and indirect cost item.

## Enhancements for Increased Precision & Accuracy for Precise Budgeters

### Change Provider for ClearTrial-defined Costs

**What's changed?** You can edit the Provider assignment for ClearTrial-defined costs to align to your contract.

### Increased Precision for Milestone Payments

**What's changed?** When setting up payment terms negotiated with your service provider on the Payments tab of your plan, you have the flexibility to enter in the precise number of days from invoice to payment.

### Exclude ClearTrial-defined Milestones from Your Plan (Enterprise Edition Only)

**What's new?** When you need to configure the milestones negotiated for your contract, you can select a ClearTrial-defined milestone and exclude it from your plan with one-click of the **Exclude Milestone** button. A new filter has been added at the top of the Payments tab of a plan to let you show or hide excluded milestones from the milestones list.

Excluded milestones will appear distinguished in the list with strike-through font. You have the capability to include the milestone back in your plan at any time, on demand by clicking on the new **Include Milestone** button.

**Who sees the change?** Users subscribed to Enterprise Edition.

### Override Total Number of Meetings

**What's changed?** On the Meetings tab of your plan, for each meeting, on the Meeting Details tab, after you have configured the frequency, you can now override the calculated total number of meetings to align with the precise number of meetings accounted for in your contract.

### Select Back Office as Billing Rate Location for Meeting Attendee

**What's changed?** On the Meetings tab of your plan, for each meeting, on the Meeting Attendees tab, Back Office has been added to the list of values to choose from when configuring the Billing Rate Location per attendee.

### Delete ClearTrial-defined Major Tasks and Tasks (Enterprise Edition Only)

**What's changed?** If you need to hide any ClearTrial-defined Major Tasks or Tasks from your plan entirely, you can permanently delete them so they don't appear in the UI or on reports.

Deleting a Task or Major Task affects only the plan you're editing; it does not delete them from the template on which the plan is based. Once deleted from a plan, you can't restore the Major Task or Task.

For Major Tasks, on the **Labor** tab, select the ClearTrial-defined Major Task you want to delete and click **Delete Major Task**.

For Tasks, on the **Major Task Details** tab of the **Task Manager**, select the ClearTrial-defined Task you want to delete and click **Delete Task**.

**Who sees the change?** Users with WBS Editor or WBS Manager role subscribed to Enterprise Edition.

> **Reminder:** Users with the WBS Editor role can delete only their own Tasks and Major Tasks, but users with the WBS Manager role can also delete Tasks and Major Tasks created by other users.

## Improved Contract Alignment and Change Order Support (Enterprise Edition Only)

**What's new?** Because we know plans change over time as more data is attained, we've introduced the ability to apply incremental or floating adjustments as a way to capture each change request, when timelines change.

At the Major Task Adjustments level and the Resource Hours level, you will see a new column inserted between the planned or calculated value and the adjusted value to apply a positive or negative offset, instead of overriding the adjusted value itself. You can capture incremental changes made to planned values and keep the adjustment separate ("floating") in case assumptions change, so it is always applied to the updated planned or calculated value.

All applicable labor reports will also inherit the final adjustments.

**Who sees the change?** Users assigned the WBS Editor or WBS Manager subscribed to Enterprise Edition.

#### Apply Incremental Adjustment to the Number of Units for Major Tasks

1. Go to the **Labor** tab for the plan.
2. Select the Major Task to adjust and click **Edit Major Task**.
3. Go to the **Adjustments** tab.
4. At the top of the tab click the **Expand All** link.
5. In the new **(+/-)** field, enter the offset.

6. Click **Save**.

#### Apply Floating Adjustments for a Resource's Extended Hours

1. Go to the **Labor** tab for the plan.
2. Select the Major Task and click **Edit Major Task**.
3. Expand the tasks and select the resource under the task whose hours you want to adjust.
4. Select the **Hours** tab (or **Algorithm / Hours**).
5. In the **(+/-)** field, enter the offset.
6. Click **Save**.

## Import Additional Location-specific Overrides from a Plan or Template

This enhancement expands on to the existing capability, introduced in update 5.6, to import location-specific overrides from another plan or template, when adding a location to your plan.

**What's changed?** Additional location-specific overrides can be pulled into your plan or template.

- Grant Amount by Treatment Arm:
- Monitoring Approach data, such as the Percent of SDV
- Plan-level Provider assignments

> **Reminder:** System Administrators can turn on this feature for users from Customer Preferences, under the Admin menu.

## Custom Algorithms and Custom Fields Validated for Calculation Errors

**What's changed?** When creating or updating custom field default formulas or custom algorithms via script, ClearTrial validates the plan for any errors that you may have introduced. For example, if your user-defined formula for a cost item contains a division by zero, a new **View Plan Errors** link appears in the top right of your plan which allows you to view error details or download the list of errors to distribute to other users.

**Who sees the change?**

- If an error is introduced while your Expert Algorithm Editor is defining a custom algorithm via script, for a resource or indirect cost, when another user opens that plan, they will also see the View Plan Errors alert in the plan.
- If your Custom Field Designer introduces an error while defining a custom field in one of your custom field models, only that user with the Custom Field Designer will see the alert, since they are the only ones who can fix it.

Other types of errors ClearTrial validates for are the following:

- Issues in task-resource or indirect cost algorithms:

- You are using variables that do not exist in the ClearTrial or the current custom field model published and applied to the plan.
- The algorithm divides by zero due to an assumption or custom field whose value has become 0.
- The custom algorithm now returns a negative value.

■ Issues in custom field default value formulas:

- You are using variables that do not exist in ClearTrial or the current custom field model published and applied to the plan.
- Algorithm divides by zero.
- The result of your formula is outside the expected range.
- The formula now returns a negative value.

## New Duration-based Variables for Custom Algorithms using Script

**What's new?** Six new duration-based variables are now accessible for use when defining custom algorithms using script:

- numMonths: Number of months between the PASD and Final CSR.
- numMonthsForCost: Number of months during which this cost occurs.
- numMonthsForTask: Number of months during which the effort occurs for a Task.
- numDays: Number of days between the PASD and Final CSR.
- numDaysForCost: Number of days during which the cost occurs.
- numDaysForTask: Number of days during which the effort occurs for a Task.

**Who sees the change?** Expert Algorithm Editors who are defining custom algorithms when switching to script.

**Reminder:** Defining custom algorithms with script is launched by navigating to the **Cost** > **Adjustments** tab for an indirect cost item or the **Resource** > **Algorithm** (or **Algorithm/Hours**) tab for a resource working on a task and clicking on the **Switch to Script** link.

**Tip:** For the full list of available variables, see the `Script Variables Guide`.

## Updates to the Web Services API (Enterprise Edition only)

**What's changed?** Several API resources have been updated so that your developers can retrieve the data points they need from the updates added to the service.

The `Web Services API User Guide` has been updated to reflect all the endpoints accessible in ClearTrial 5.7:

### Get Summary: `/cleartrial-ws/plans/{planID}/summary`

Added `code` and `mappingKey` to the existing `cost` resource.

### Get Costs: `/cleartrial-ws/plans/{planID}/cost`

Added `code` and `mappingKey` to the `cost` resource.

### Get Costs Monthly View: `/cleartrial-ws/plans/{planID}/cost?view=monthly`

Added `code` and `mappingKey` to the `cost` resource.

### Get Labor: `/cleartrial-ws/plans/{planID}/labor`

Added `code` and `mappingKey` to the existing `task` resource.

Added the floating adjustment for total hours as `adjustmentToHours` to `resource`.

Added the % Adjusted value for unit hours as `unitHoursPct` to `resource`. Under `unitHoursPct`, the default hours are shown as `defaultPct` and the percentage adjustment is shown as `userPct`.

**Who sees the change?** Developers subscribed to Enterprise Edition with access to leverage the ClearTrial Web Services API specified in your customer profile.

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**Reminder:** You can specify this preference in your initial Oracle ClearTrial Service Activation Request (SAR) or during your subscription, you can contact your Account Manager or filing a service request in My Oracle Support.

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## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc`.

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Oracle Health Sciences ClearTrial Cloud Service Release Notes, Release 5.7
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