

Naming and Tooltips

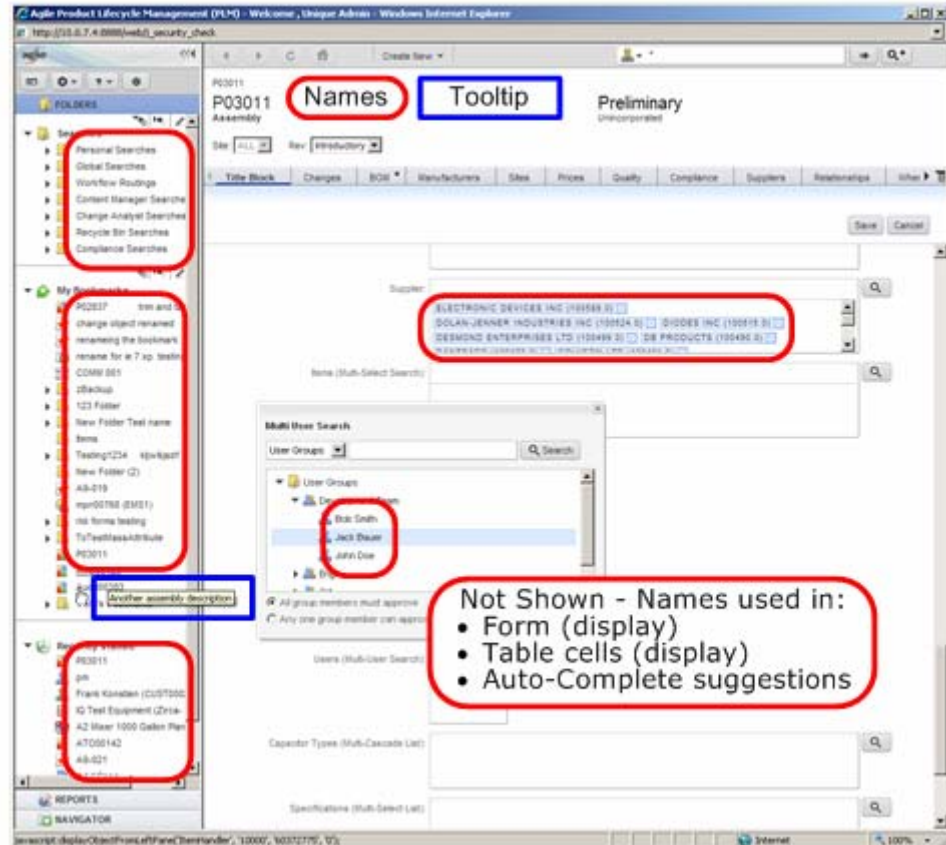
Throughout Agile PLM application, objects (and non-objects) are represented by names that are displayed in forms, table cells, pill labels, tree node labels, and as auto-complete suggestions.

Within this specification the Name of a thing refers to the text displayed within a UI component that describes a specific object or non-object data item associated with that element. Except where otherwise noted, Name should not be narrowly defined as the value of the Name field within a database record. This value will often appear as part of displayed Name, but the Name may also include other data items as well.

A Tooltip is the text that is displayed when the user moves the mouse over a Name.

This specification outlines the rules by which these Names and Tooltips are constructed.

Element Specification



Legend

Symbols in Rule Definitions and Their Interpretation

- `<Foo>` Foo is either the name of a field in the object record or a Named Behavior defined in this specification.
In particular, the symbol `<Name>` **does** refer to the value of Name field in a database record.
- `{some <Foo> stuff}` "some <Foo> stuff" is optional and will not appear if the `<Foo>` field is empty.
- `|` Or — to be read so that `<A> | ` means if `<A>` exists, display `<A>` otherwise display ``
- All other characters (including white-space characters but excluding line wrapping and obvious commentary) are literals to be displayed exactly as they appear in this specification.

Named Behaviors

Number or Name

- Most object records have as their first field either a number (more common) or a name (less common).
- Where `<Number or Name>` is referenced in this document, use the text representation of this field.

System Display Name

- Use the user's First Name, Last Name and possibly the User ID in the format specified by Admin – Server Settings – Preferences – Default User Name. The six defined formats are:

`<First Name> <Last Name>`
`<First Name> Smith (<User ID>)`
`<Last Name>, <First Name>`
`<Last Name>, <First Name> (<User ID>)`
`<Last Name> <First Name>`
`<Last Name> <First Name> (<User ID>)`

Objects

The Name and Tooltip are derived from a combination of one or more descriptive fields in the record defining the object. This derivation differs based on the class of the object and the context in which the Name and Tooltip are used as shown in the following tables.

Does mouse over a table cell show a tooltip? What about if truncated? Currently this spec shows "Table Cell ???" as a marker until this can be decided.

Customer Objects

	Rule	Where Displayed
Name	<Customer Name> (<Customer Number>)	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Customer Name> (<Customer Number>)	Pill Label (only if Name is truncated) Table Cell ???
Name	<Customer Name> (<Customer Number>) { : <Description> }	Tree Node
Tooltip	<Description> <Customer Name> (<Customer Number>)	Tree Node

Discussion Objects

	Rule	Where Displayed
Name	<Subject> (<Number>)	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Subject>	Pill Label (only if Name is truncated) Table Cell ???
Name	<Subject> (<Number>) : <Subject>	Tree Node
Tooltip	<Subject>	Tree Node

Item Objects (Documents & Parts)

	Rule	Where Displayed
Name	<Number>	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Description> <Number>	Pill Label (only if Name is truncated) Table Cell ???
Name	<Number> [<Site>] [<Rev>] {: <Description>}	Root Node of a BOM Tree
Name	<Number> {: <Description>}	All Other Tree Nodes
Tooltip	<Description> <Number>	Tree Node

Manufacturer Part Objects

	Rule	Where Displayed
Name	<Manufacturer Part Number> (<Manufacturer Name>)	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Description> <Manufacturer Part Number> (<Manufacturer Name>)	Pill Label (only if Name is truncated) Table Cell ???
Name	<Manufacturer Part Number> (<Manufacturer Name>) {: <Description>}	Tree Node
Tooltip	<Description> <Manufacturer Part Number> (<Manufacturer Name>)	Tree Node

Program Objects

	Rule	Where Displayed
Name	<Name> (<Root Parent>)	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Description> <Name> (<Root Parent>)	Pill Label (only if Name is truncated) Table Cell ???
Name	<Name> (<Root Parent>) {: <Description>}	Tree Node
Tooltip	<Description> <Name> (<Root Parent>)	Tree Node

Rumor has it that Request for Quote (RFQ) Objects and RFQ Response Objects have special handling for names and tooltips.

Supplier Objects

	Rule	Where Displayed
Name	<Name> (<Number>)	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Name> (<Number>) {: <Description>}	Pill Label (only if Name is truncated) Table Cell ???
Name	<Name> (<Number>) {: <Description>}	Tree Node
Tooltip	<Name> (<Number>) {: <Description>}	Tree Node

User Objects

	Rule	Where Displayed
Name	<System Display Name>	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<System Display Name>	Pill Label (only if Name is truncated) Table Cell ???
Name	<System Display Name>	Tree Node
Tooltip	<System Display Name> { <Business Phone> } { <Email> }	Tree Node

Is the above tooltip for Tree Nodes correct?

Existing examples to work from are not in agreement.

1. The Java client shows columns for First Name, Last Name, User ID, Business Phone, Email and Status.
2. The Create New User dialog asks for User ID, First Name, Last Name, Email, Allowed Overhead, and Password (twice).
3. The Prototype shows First Name, Last Name, Email ID, and Region.

What I want is consensus regarding the exact field names in the exact order to be listed in this tooltip along with any separator/delimiter characters required.

Also, note that Left Pane trees do not display User objects as outlined in this spec. This spec describes the intended behavior.

Are there any other object types that require special handling?

All Other Agile Business Objects

	Rule	Where Displayed
Name	<Number or Name>	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Description> <Number or Name>	Pill Label (only if Name is truncated) Table Cell ???
Name	<Number or Name> { : <Description> }	Tree Node
Tooltip	<Description> <Number or Name>	Tree Node

Non-Object List Elements

Non-Cascading List Element

Used in any pill based control that is:

- Non-cascading
- Non-object
- Multi-select or search based (including single select)

	Rule	Where Displayed
Name	<Name>	Auto-Complete Form Value Pill Label Table Cell
Tooltip	<Name>	Pill Label (only if Name is truncated) Table Cell ???

Kanda: check into special handling cases where <Description> is displayed.

Folder

- Not to be confused with the File Folder object.
- Used in Searches and Bookmarks trees in the left pane.

	Rule	Where Displayed
Name	<Name>	Tree Node
Tooltip	<Name>	Tree Node

Cascading List Element

- Including root and branch nodes that are often displayed as folders.

	Rule	Where Displayed
Name	<Name>	Form Value Pill Label Table Cell
Tooltip	<p>The concatenation of <Name> { : <Description> }</p> <p>for each node between the root node and the element. This is best specified by example: If the name of the element is "San Jose", then the tooltip will be either:</p> <p> USA California San Jose</p> <p>or</p> <p> Costa Rica San Jose</p> <p>depending on the which city the list element refers to.</p> <p>Please note that in this example; the <Description> fields for all referenced elements are blank for the sake of brevity.</p> <p>The Tooltip allows the user to unambiguously identify the list element.</p> <p>The list of element names will start with the first visible node within the cascade and end with the element for which the tooltip is generated.</p>	Pill Label (only if Name is truncated) Table Cell ??? Tree Node
Name	<Name> { : <Description> }	Tree Node

Issues

- 1) Does mouse over a table cell show a tooltip? What about if truncated? Currently this spec shows "Table Cell ???" as a marker until this can be decided.
- 2) Rumor has it that Request for Quote (RFQ) Objects and RFQ Response Objects have special handling for names and tooltips.
- 3) What is the team consensus regarding what information is displayed in the tooltip for a User object when displayed as a Tree Node?
- 4) Note that the display of User objects in left pane trees does not currently comply with this spec. This spec correctly describes the intended final result.
- 5) Are there any other Agile business object types that require special handling?
- 6) Are there special handling cases where <Description> is displayed as part of the tooltip for a non-object list element (non-cascading)?

Change History

November 9, 2007	Vern McGeorge	Complete
November 7, 2007	Vern McGeorge	Completely revamped to make it table based rather than rule based. All feedback from sprint 2.6 is either incorporated or noted as a Red Flag and/or an Issue.
October 29, 2007	Vern McGeorge	Published for review.
October 04, 2007	Vern McGeorge	First draft as extracted from Left Pane Spec with updates to make it generic.