



ADELARD

Embedded Issues

Plugin Manual for ASCE 4.2

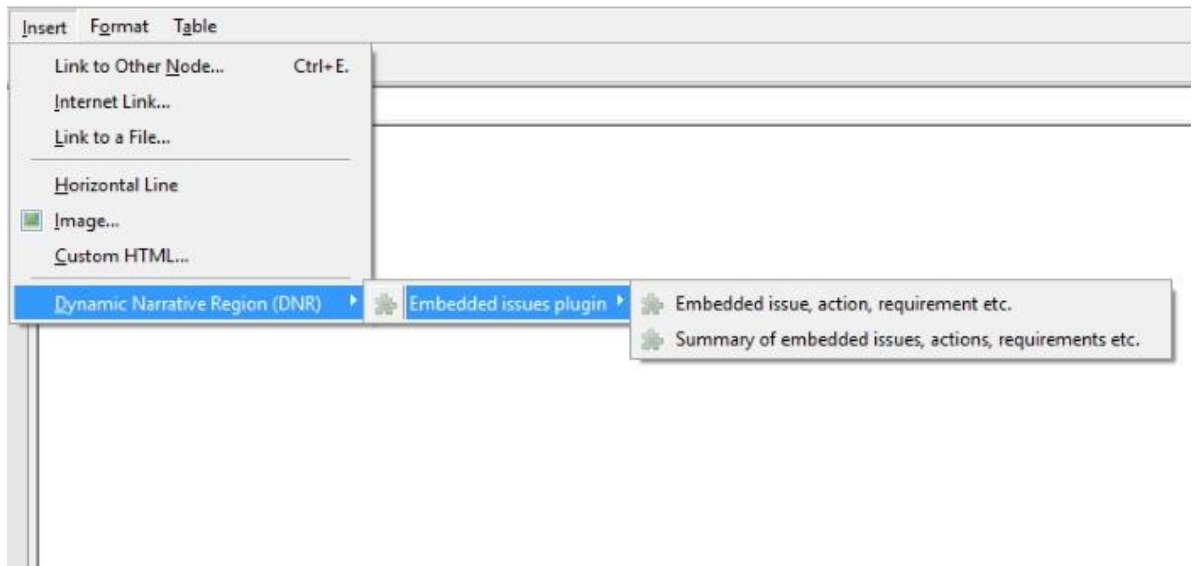
- File name: embedded issue DNRs v0.1.xml
- Version: 0.1.16
- Applies to: All networks

1 Description

Too many knots in your handkerchief? Use this plugin to embed tags (text snippets) inside your node narrative to flag issues that you need to keep track of, e.g., limitations, assumptions, risks, or to do actions.

The plugin can then generate a summary table, collating all these tags, and embed it into your node narrative. The result: an overview of all your current outstanding issues, which, being a DNR (Dynamic Narrative Region, will update as each issue is closed off. As well as querying the current file, this plugin is equally capable of extracting issues from external ASCE files, allowing you to track and manage dependencies between a set of related safety cases.

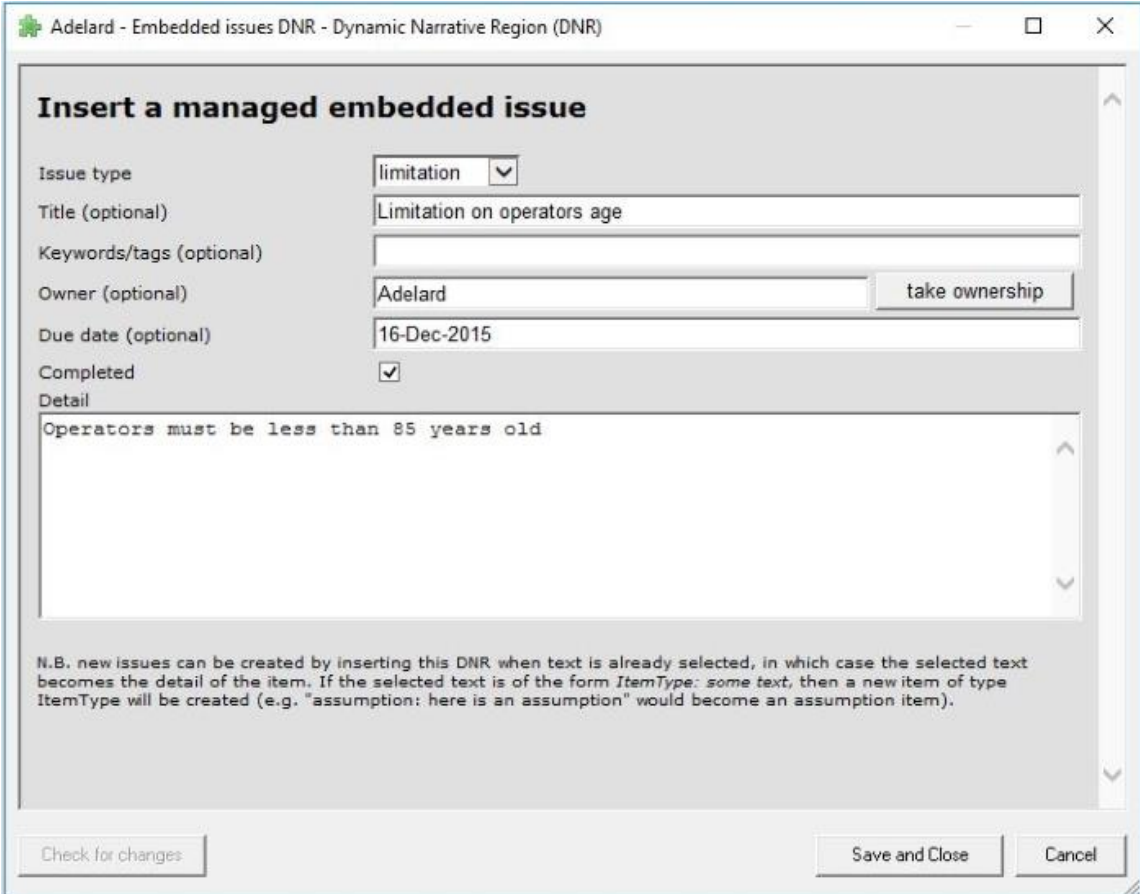
This plugin works with the one click export plugin "remove DNR containers" feature.



The plugin provides two DNRs.

2 Insert embedded issue

The editor window for an individual issue allows you to specify the title and type.



The screenshot shows a dialog box titled "Adelard - Embedded issues DNR - Dynamic Narrative Region (DNR)". The main heading is "Insert a managed embedded issue". The form contains the following fields and controls:

- Issue type:** A dropdown menu with "limitation" selected.
- Title (optional):** A text box containing "Limitation on operators age".
- Keywords/tags (optional):** An empty text box.
- Owner (optional):** A text box containing "Adelard" and a "take ownership" button.
- Due date (optional):** A text box containing "16-Dec-2015".
- Completed:** A checked checkbox.
- Detail:** A large text area containing the text "Operators must be less than 85 years old".

Below the detail text area, there is a note: "N.B. new issues can be created by inserting this DNR when text is already selected, in which case the selected text becomes the detail of the item. If the selected text is of the form *ItemType: some text*, then a new item of type *ItemType* will be created (e.g. "assumption: here is an assumption" would become an assumption item)."

At the bottom of the dialog, there are three buttons: "Check for changes", "Save and Close", and "Cancel".

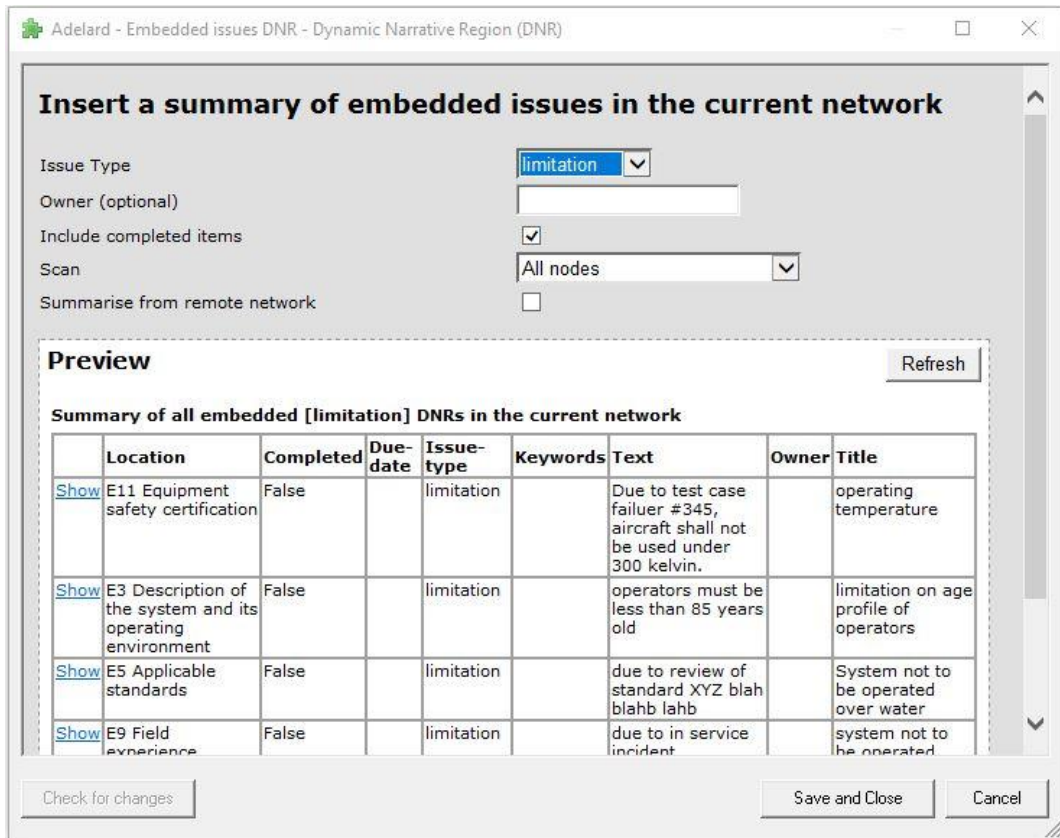
For rapid issue creation, you can type your issue using the following syntax in the node editor:
IssueType: issue title (e.g. "limitation: Do not use this system below 10 degrees celsius").

Then select the text and insert the DNR. Then on opening the DNR, it will be pre-populated with the required type and text.

3 Summarise embedded issues

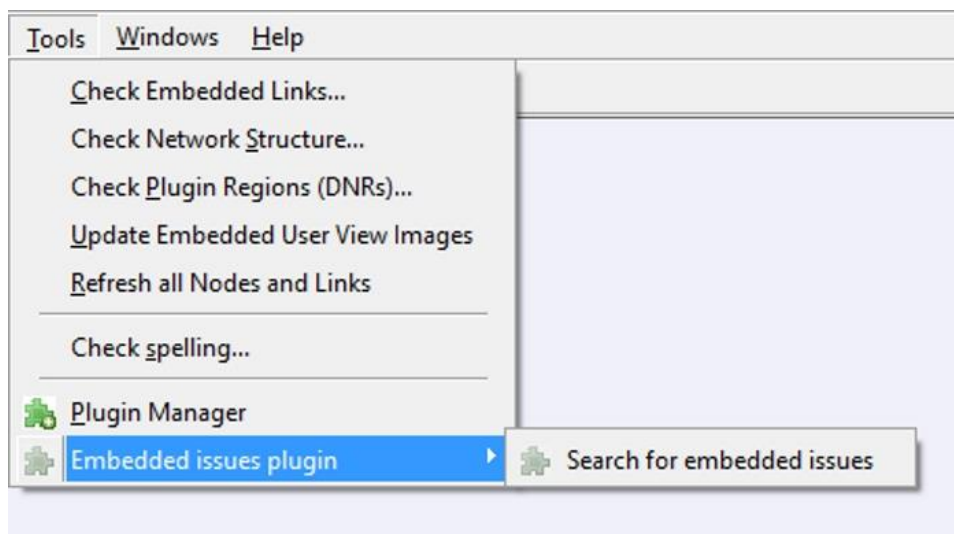
This DNR scans across the network to collect and summarise embedded issues of a particular type (limitation, action, requirement etc). You can also summarise issues from a remote network. For example you may wish to aggregate the embedded issues together for an integrated system by scanning the issues for the sub system assurance case.

The Scan option allows you to collect all issues in the current network, or to scan only the sub tree that supports the current node. This option can be used to summarise the embedded issues relating to different legs of your assurance case.




4 Search for embedded issues

The plugin provides a dedicated search functionality that allows to search for embedded issues throughout the network.



The main search window provides different search options and the matching embedded issues are listed in a results table. This table can also be exported as HTML or CSV files.

 Find issues
— □ ×

Search for embedded issues

This search looks for embedded issues. You can leave either of the date ranges empty if desired. Dates are inclusive.

Issue type limitation ▾

Start date 01-01-2010

End date 31-12-2099

Owner Adelard

Include completed items

Results of search:

Key	User Id	User Title	completed	due-date	issue-type	keywords	text	owner	title
view	N45367062	Applicable standards	false	23-Jun-2050	limitation		System must not be operated underwater	Adelard	Limitation due to non-compliance with standard XYZ
view	N53385818	Description of the system and its operating environment	true	16-Dec-2015	limitation		Operators must be less than 85 years old	Adelard	Limitation on operators age