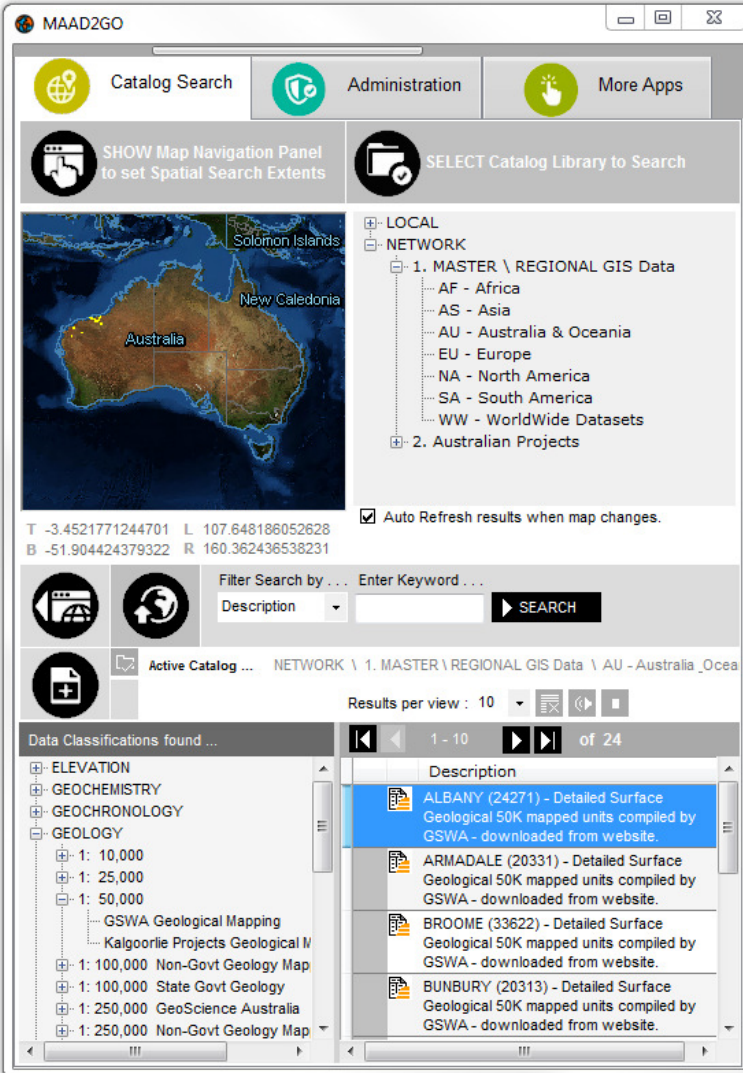


KB2001: Quick Start – Using and Getting to Know the Catalog Search Interface

The Catalog Search interface allows everyone who needs to find data and files within a geographical location an intuitive searching window to easily find, open and interrogate data without asking or requiring knowing where it is located on the system.

This is made possible by querying the various catalog libraries that may be configured within either the local (on the PC) or network (corporate share) environments. To set up a catalog, refer to the User Guide >> 3. Administration section from the MAAD2gO website.

Overview



The screenshot shows the MAAD2GO interface with five numbered callouts:

- 1**: Points to the 'Catalog Search' button in the top navigation bar.
- 2**: Points to the 'SHOW Map Navigation Panel to set Spatial Search Extents' button.
- 3**: Points to the map area showing Australia and surrounding regions.
- 4**: Points to the search filter section, including 'Filter Search by ...', 'Enter Keyword ...', and a 'SEARCH' button.
- 5**: Points to the 'Data Classifications found ...' list on the left side of the results pane.

The interface includes a top navigation bar with 'Catalog Search', 'Administration', and 'More Apps'. Below this is a section for 'SHOW Map Navigation Panel' and 'SELECT Catalog Library to Search'. The map area shows Australia with labels for 'Solomon Islands', 'New Caledonia', and 'Australia'. To the right of the map is a tree view of catalog libraries under 'LOCAL' and 'NETWORK', including '1. MASTER \ REGIONAL GIS Data' with sub-categories like 'AF - Africa', 'AS - Asia', 'AU - Australia & Oceania', 'EU - Europe', 'NA - North America', 'SA - South America', 'WW - WorldWide Datasets', and '2. Australian Projects'. Below the map are coordinates (T, L, B, R) and a checkbox for 'Auto Refresh results when map changes.'. The search section has a dropdown for 'Filter Search by ...' set to 'Description', an input field for 'Enter Keyword ...', and a 'SEARCH' button. Below the search is the 'Active Catalog ...' section showing 'NETWORK \ 1. MASTER \ REGIONAL GIS Data \ AU - Australia_Ocea'. The results pane shows 'Results per view : 10' and '1 - 10 of 24'. The 'Data Classifications found ...' list includes 'ELEVATION', 'GEOCHEMISTRY', 'GEOCHRONOLOGY', and 'GEOLOGY' with various scale options. The results table has a 'Description' column with entries like 'ALBANY (24271) - Detailed Surface Geological 50K mapped units compiled by GSWA - downloaded from website.'

Referring to the interface image above, the Catalog Search Interface is divided into the following sections;



1. Tab navigation to the Catalog Search interface, located as the left most tab on the main navigation options of MAAD2gO.
2. MAAD2map \ Catalog Library Interface toggle buttons.
3. Area for defining the geographical extents to search and Catalog Library selections. To save space on the desktop, toggling the buttons above will display;
 - MAAD2map window and associated map controls primarily used for setting spatial search extents, or
 - Listing of Catalog Library(s) that can be selected.

The MAAD2map map window is always shown, and the Catalog Library selection interface is always shown at startup.

4. Catalog Library and Tier 1 application tools, including redefining the search via a keyword filter.
5. Catalog Search Selection Results interface, provides an area for the results from a catalog search to be displayed. Results are grouped via their data groups and classifications, and only results found within (or overlapping) the geographical search extents are displayed.

1. Getting Started – Set the Geographical Extents to Search

The first step is to define the geographical search extents. It will be these extents that MAAD2gO uses when it queries a catalog library and returns data based only within or overlaps the extent area. To access the MAAD2map tools, select or roll the mouse over the button bar called SHOW Map Navigation Panel to set Spatial Search Extents.

 <p>SHOW Map Navigation Panel to set Spatial Search Extents</p>	<p>MAAD2map map window</p> <p>This interface is broken down to 2 sections:</p> <ul style="list-style-type: none"> • Map interface • Map controls <p>It is within the map window that the spatial search extents are generated based on the map view.</p> <p>Using the tools described in the next section, a user has the ability to;</p> <ul style="list-style-type: none"> • Zoom in and out of the map window (the rectangular zoom option is default) • Pan the map window in any direction. • Interact with an overview map • Set the start extents • Import map extents from the internet map engines or other desktop GIS software
	

Within the MAAD2map window interface, another set of tab buttons are available that contains additional tools and functionality.



Functionality contained within each tab is described below.



MAAD2map Navigational Controls

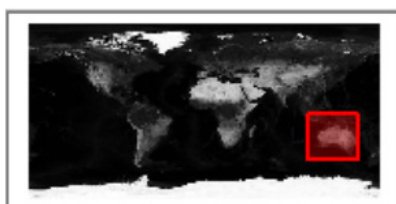
	<p>Buttons available on this tab interact with the following map windows, either;</p> <ul style="list-style-type: none"> • The MAAD2map map window, or • The overview map window. <p>This item links to the GIS file ... \MAADMapData\lyr_Earth_image.ecw</p> <p>This item is accessible from the 1st tab</p>
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Buttons that interact with **MAAD2map map window.**

	<p>Rectangle Zoom IN or OUT This button provides 2 functions,</p> <p>Zoom IN,</p> <ul style="list-style-type: none"> • Draw a rectangle from the upper left hand corner TO the bottom right hand corner at the location on the map you want to zoom in to. <p>Zoom OUT,</p> <ul style="list-style-type: none"> • Draw a rectangle from the bottom right hand corner TO the upper left hand position on the map for the area you want to zoom out from. <p>This option is the default option when the program first loads.</p>
 	<p>Pan map window This option pans the map in the direction you push the mouse. To use, select this option and then select the map window. Continue to keep the mouse button depressed, and push the map in the direction to pan the window.</p> <p>Click Zoom IN This option pans</p>
	<p>Click Zoom OUT This option pans</p>

	<p>Zoom to Map Start Extents This option pans</p>
	<p>Set \ Clear Map Start Extents This option pans</p>

The Overview map



Included in the tab is a small map window (known as the overview map) that displays the entire underlying ecw image layer using it's full extents. The extents of the MAAD2map window is displayed as a red shape on the overview map.

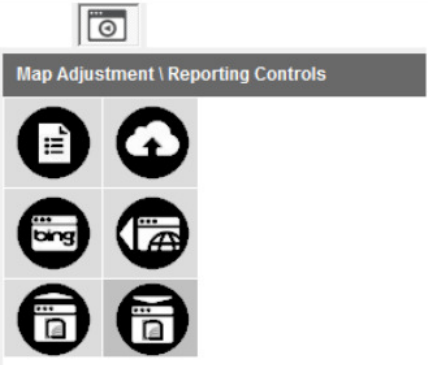
The red square of the MAAD2map map window extents can be re-positioned by selecting with the mouse anywhere in the overview map.

The default mouse selection option is the Select option. Other options available for manipulation of the overview map are;







	<p>Zoom FULL Extents This option returns the map to the full map extents or view.</p>
	<p>Zoom IN \ OUT Works the same as the MAAD2map Rectangular Zoom In \Out option.</p> <p>However, only one (1) operation is allowed per button setting. That is, if you wish to zoom in multiple times, you MUST select this button before every attempt to redraw\resize the overview map window.</p>
	<p>Pan This option works the same as the MAAD2map pan operation.</p> <p>However, only one (1) operation is allowed per button setting. That is, if you wish to zoom in multiple times, you MUST select this button before every attempt to redraw\resize the overview map window.</p>



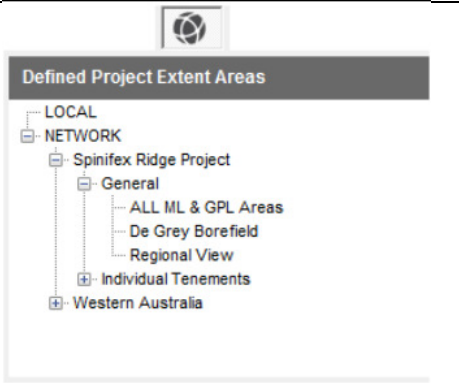
Map Adjustment \ Reporting Controls

	<p>These are preset company defined areas of interest and MAAD2map can be used to defined these areas.</p> <p>This option interacts with other functionality within the MAAD2gO program, such as the File Search functionality.</p> <p>These items is accessible from the 2nd tab</p>
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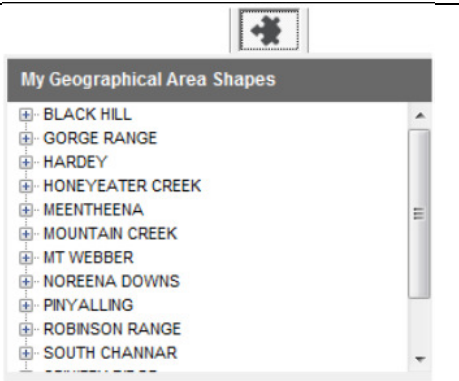
Functionality provided in this tab;

	<p>Export Current Selected Catalog Library to NotePad Provides functionality to get a listing of all the records attached to the current selected catalog library that fall within the current MAAD2map extents. The result is displayed in NotePad.</p>
	<p>Export Catalog Data This function copies all the data available within the MAAD2map extents from a selected catalog library to another drive of the user's choice.</p>
	<p>Internet Map Feed Use an integrated internet feed with Microsoft Bing maps to zoom in\out and pan to a required location.</p> <p>Use this option to set the extents within MAAD2map</p>
	<p>Push the current MAAD2map window extents to the GIS Viewer. Requires the GIS Viewer to be open, and a GIS layer active.</p>
	<p>Export the current MAAD2map map window extents into an open and active MapInfo window – PUSH extents. To use this function, you must have MapInfo Professional software open and a geographic map window active.</p>
	<p>Import Active MapInfo map window extents into the MAAD2map window – synchronize or PULL extents. To use this function, you must have MapInfo Professional software open and a geographic map window active.</p>


Defined Project Extent Areas

 <p>The screenshot shows a tree view under the heading 'Defined Project Extent Areas'. The structure is as follows:</p> <ul style="list-style-type: none"> LOCAL NETWORK <ul style="list-style-type: none"> Spinifex Ridge Project <ul style="list-style-type: none"> General <ul style="list-style-type: none"> ALL ML & GPL Areas De Grey Borefield Regional View Individual Tenements Western Australia 	<p>These are preset company defined areas of interest and MAAD2map can be used to defined these areas.</p> <p>This option interacts with other functionality within the MAAD2gO program, such as the File Search functionality.</p> <p>This item is accessible from the 3th tab</p>
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My Geographical Area Shapes

 <p>The screenshot shows a list of geographical area shapes under the heading 'My Geographical Area Shapes':</p> <ul style="list-style-type: none"> BLACK HILL GORGE RANGE HARDEY HONEYEATER CREEK MEENTHEENA MOUNTAIN CREEK MT WEBBER NOREENA DOWNS PINYALLING ROBINSON RANGE SOUTH CHANNAR 	<p>Preset geographical areas as defined in the underlying GIS layers. The default layer supplied contains all administrative regions (provinces) and countries across the world.</p> <p>These layers can be customized if a suitable GIS program exists that has the ability to alter these base layers. This item links to the GIS file ... \MAADMapData\MyGeographicShapes.TAB or .shp</p> <p>This item is accessible from the 4th tab</p>
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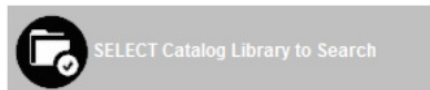
Geographical Regions

 <p>The screenshot shows a list of geographical regions under the heading 'Geographical Regions'. The list is split into two columns:</p> <ul style="list-style-type: none"> Column 1: Afghanistan, Albania, Algeria, American Samoa, Andorra, Angola, Anguilla, Antigua and Barbuda, Argentina, Armenia, Aruba, Australia, Austria Column 2: Provinces of Australia, Australian Capital Territory, New South Wales, Northern Territory, Queensland, South Australia, Tasmania, Victoria, Western Australia 	<p>Preset geographical areas as defined in the underlying GIS layers. The default layer supplied contains all administrative regions (provinces) and countries across the world.</p> <p>These layers can be customized if a suitable GIS program exists that has the ability to alter these base layers. This item links to the GIS file ... \MAADMapData\lyrAdminMap_region.shp</p> <p>This item is accessible from the 5th tab</p>
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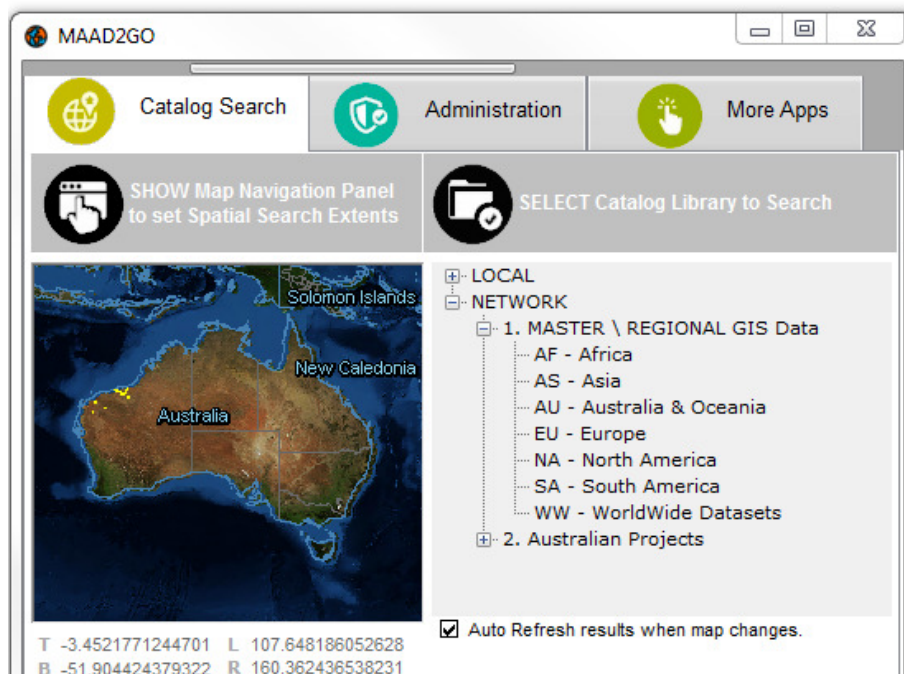
2. Select a Catalog Library to display available data found within the Geographical Extents

Once the geographical extents have been set, the next set is to query a catalog library to return references to catalogued files or datasets that can be opened either within or overlays the extent area.

To access the choice of Catalog Libraries to access, roll the mouse over, or select the button – SELECT Catalog Library to Search.



Catalog Libraries can be selected by navigating through either via the available LOCAL or the NETWORK catalog library selection tree menus. Expand the tree choices to see available catalog libraries to query.



3. Navigating the Catalog Search Selection Results Interface

Information regarding this item is best described in the following document –

KB2002 Searched Catalog Results Components