

## State Library of Western Australia story trolley

Over the last ten years Scarab Studio Wood has received a number of national design awards in recognition of innovative craftsmanship and the beautiful timber products the company produces in native timbers and other materials.



In June 2008, Scarab Studio Wood were approached by the State Library of Western Australia to submit designs for a collection of mobile 'Story Trolleys' intended for public use within the Alexander Library building in central Perth.

The brief called for a highly versatile design: Whilst meeting a number of practical needs for the flexible display of books and storage of children's art materials, the trolleys also needed to be ergonomic and people friendly, with colour and a contemporary flare in their aesthetics.

Working to incorporate the range of details required by the brief, designs were created as full 3D rendered models on the computer. A number of configurations were generated for consideration, before the final version was settled on.

State-of-the-art computer controlled machining technology was then employed to cut the assembly components from the brightly coloured melamine panel material. Smart design allowed for efficient assembly processes utilising hi-tech fittings and fixings.

The State Library Story Trolley project has successfully demonstrated the merging of sophisticated design and clever manufacturing processes, in the creation of a high quality and functional product.

