

# RACHEL Module Best Practices

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When setting up a RACHEL module, remember that the module can be loaded on a wide variety of devices, as small as a mobile phone or as large as a computer monitor. Keep your module simple and make sure that the module's graphics display successfully on even the smallest mobile phone screen. Here are several suggestions to follow when setting up your module:

## Keep your module

- Keep your module simple in design.
- Keep your module small. Keep the graphic files as small as possible.
- Use commonly supported file formats such as PDF, MP3, MP4, etc.
- Limit the number of external links in the module. Remember, the RACHEL users may have limited or no Internet access. External links will only frustrate users who don't have good Internet access.
- When you have finished the module development, test your module on a variety of devices, phones, tablets, computers, etc.
- Be sure that your module's text is easy to read on a variety of devices. Consider text font size as well as background and font color.
- Keep thumbnail graphics (if you use them) around 300x300 pixels and at least 100x100px.
- Limit your large graphics to no more than 640px horizontal length or consider sizing the horizontal length to a percentage of screen size.
- Use PDF files rather than the application's native format (.docx, .ppt, .xls, etc).
- Use lower resolution video files, ideally MP4 480p (640x480px). For audio files, use MP3 16-bit.