Thomas International® integrates RealObjects PDFreactor®

About Thomas International

Thomas International provides people assessments which empower business leaders to transform the performance of their teams and individuals – and deliver an immediate impact on their organisation.

We help our clients recruit, retain, develop and manage their people. We'll give you insight into your staff – what motivates them, their core strengths and limitations, and their potential. And we'll add a high level of certainty to all your people-related decisions.

Thomas is different because our assessments are straightforward to understand and quick to use, with rapid results. Our client service teams will train you, advise you and provide practical assistance. Their aim is to empower you to use people assessments to create maximum value for your organisation.

From our inception in 1981, Thomas has grown to encompass more than just the business world. We are now present in business, education and sport, empowering staff, leaders, students and sporting professionals to achieve excellence.

The challenge

Thomas products include many different types of custom reports which are dynamically generated from a large bank of text-based content and driven by personalised assessment data. These also include many specialised data visualisations. Reports are requested in real time by globally dispersed online end users, so they need to be generated and delivered speedily.

The existing report creation technology was old, inflexible and reports were very basic because more complex layouts were impossible to create. We needed a faster, more flexible and modern way to create reports. We also needed to support most global languages including RTL (right-to-left) languages. Data visualisations were also simplistic because it was not possible to exploit better technologies. One of the few good things about our old technology was that it is based on a low level PDF API so would render documents quickly.

The solution

HTML5 and CSS3 were chosen as the core technologies for creating reports since this allowed us to finally design and create sophisticated, modern report layouts safe in the knowledge that they would paginate correctly and have pixel perfect accuracy when printed. We could also now design very sophisticated data visualisations using SVG and Javascript to use in our online applications and know that they would also print perfectly when we re-used them inside reports.

We designed and built a new highly object oriented .NET based reporting engine that dynamically constructs and outputs the HTML5/CSS3 based documents and injects the SVG/Javsascript visualisations where required.

We now needed a third party product to convert these to PDF. We evaluated several vendor offerings and chose to go with PDFreactor.

Why RealObjects PDFreactor®?

We chose PDFreactor for several reasons: It appeared the most modern and well architected; documentation was great; technical support was top notch and performance and throughput was good (at peak times we need to support real-time creation of up to several hundreds of reports per minute with a sub 2 second render time using 2 web servers).

Full multi-language and multi-culture support is also excellent. For example, by setting overall document direction to RTL most things worked out of the box with only a few minor workarounds needed. We have also managed to deliver reports in Farsi which previously, we had never been able to properly support.

We also discovered that PDFreactor could handle practically everything we threw at it including complex SVGs and Javascript based manipulations. Indeed although not officially supported, we discovered that many of our d3.js visualisations worked with some minor refactoring.

Our only slight concern was that it was a Java based technology that we are .NET shop. We don't need to worry as this is very easy to integrate and plays fine with .NET.

The PDFreactor preview tool also allows our report designers to prototype a new report very quickly and separately to our reporting engine. This has given us the unexpected bonus of creating a very streamlined work-flow for report origination, development and deployment.

The RealObjects support team have always responded quickly and expertly to any issues we have had and on one occasion even rolled out a rapid PDFreactor patch release to fix a problem we had.

thomas
your business. your people. but better

Example pages from new reports

---

thomas

自尊
低于平均水平

结果表明与多数人相比，您不够自信。您可能对于本身和自己的成就并不满意。因此对于生活、工作和成就您的态度都不够积极肯定。您可能觉得自己不如他人有天分或者那么有吸引力。

引起自尊水平较低的原因很多。例如幼年时期环境的影响可能导致您对自己的看法较低。

自尊水平较低可能影响您的工作效率、个人生活以及您的幸福感水平。建议多阅读一些能够帮助您建立更加积极心态的书籍或学习一些相关技巧。

您更适合那些职责清晰的工作。在这样的环境中您不需塑造自己发挥主动性。

自尊水平较低也有其优势。您不是个傲慢的人。性不会因为过于信任自己的判断而犯错，能够听进他人的建议和指导。您不会表现出过于自信而显得有些自大。很多工作或生活问题可能来自于此。

下述问题是您需要思考，并且可以加以改进的：

自尊测量的是您如何评估自己：您的能力、成就，以及生活的其他方面。

较低的自我认知水平常常被人们用来为错误，或者社交上不受欢迎的行为开脱。人们要获得成功和幸福的生活状态。自尊是非常重要的驱动力。

在我们生活的各个方面，高度的自尊水平都是非常重要的，而非常低的自尊水平可能会给您的生活带来诸多问题。然而，即使是这样，情况也并不如此绝对。低水平自尊的人性能很好地完成苛求的工作、建立令人满意的人际关系，并且享受他们的生活。过高的自尊也会和过低的自尊一样会带来很多问题。

- 识别会影响自己自尊水平的因素和情绪，发展自己对于负面评价的承受力，提高自己的自尊和自信水平。
- 负面思维可能会形成习惯，影响您的情绪状态和行动。有很多技巧可以帮助您避免负面思维。通常首先您需要清晰记录自己思考问题的习惯性思维。
- 在本维度上，性别因素对我们的处理方式或会有一定影响。男性在谈论相关问题时更加欢愿隐含，他们需要面对信任的人才能够畅所欲言。

TEIQ™ Justin Wilson

---

thomas

Faktor emocionality

Vztahy	3%
Vyjadřování emocí	23%
Vnímání emocí	29%
Empatie	5%

% 7

Tento faktor popisuje, jak dokážete vnímat a vyjadřovat emoce a jak je používáte k rozvoji a udržování vztahů s ostatními.

Jeho součástí jsou:

Empatie, tj. schopnost chápat názory a postoje jiných lidí a také ochota brát ohled na jejich pocity;

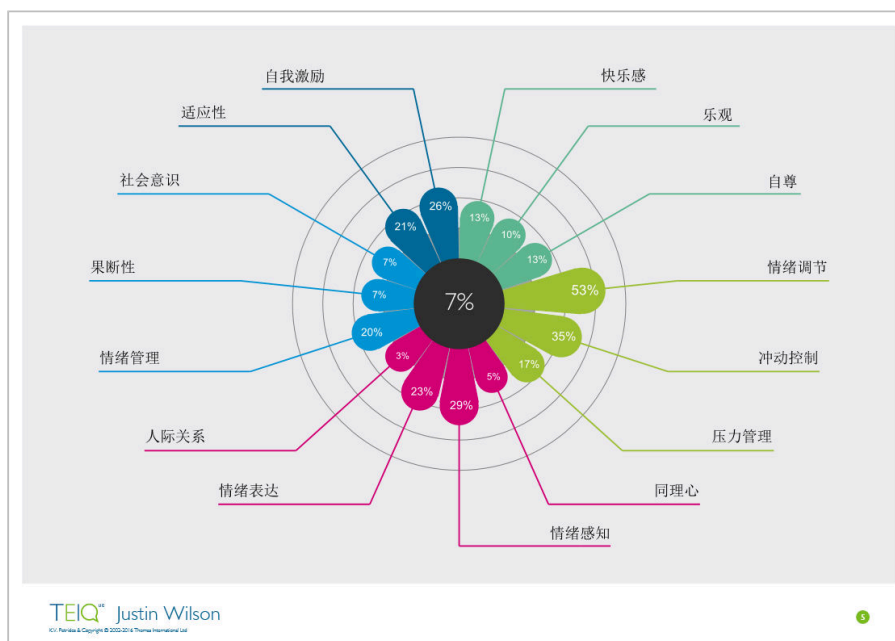Vnímání emocí, tj. schopnost chápat emoce své i jiných lidí;

Vyjadřování emocí, tj. schopnost vyjadřovat své emoce;

Vztahy, tj. schopnost posilovat a udržovat dobré vztahy jak v pracovním prostředí, tak i mimo něj.

O specifických aspektech svého celkového profilu se dozvíte více v těch částech zprávy, kde se popisují jednotlivé složky. To Vám umožní určit konkrétní přednosti i oblasti pro zlepšení.

TEIQ™ Justin Wilson

自我激励 26%
快乐感 13%
乐观 10%
自尊 13%
情绪调节 53%
冲动控制 35%
压力管理 17%
同理心 5%
情绪感知 29%
情绪表达 23%
人际关系 3%
情绪管理 20%
果断性 7%
社会意识 7%
适应性 21%

7%

TEIQ™ Justin Wilson

Quote from Lyndon Fitzgerald, Project Leader: *"PDFreactor benefited our development team through its ease of use and powerful functionality. Practically anything we could conceive and create in HTML5, CSS3, SVG and Javascript would render flawlessly in PDF. Also the quality and speed of support from the team at RealObjects is very impressive"*

For more information about RealObjects PDFreactor, please visit www.pdfreactor.com

Contact

RealObjects GmbH
Altenkessler Str. 17/B6
66115 Saarbrücken
Germany

Tel. +49 681 985 790

info@realobjects.com

www.realobjects.com

Thomas International UK Ltd
Harris House, 17 West Street
Marlow, Bucks, SL7 2LS
U.K.

Tel. +44 (0)1628 475 366

info@thomas.co.uk

www.thomasinternational.net