Ranking

This page describes the Ranking section in Kiuwan Governance.

Contents:

- Application Ranking
- Portfolio Ranking

The **ranking page** allows ranking applications (or applications grouped by portfolios) by a selected metric or indicator.

The ranking can be based on the following metrics/indicators:

- Business Value
- Lines of Code
- Risk Index
- Global Indicator
- Effort to Target

Application Ranking

If no portfolio is selected in the **Group by** combo-box, the Ranking page will show applications ordered by the default selected criteria.

It will shows a top-10 graphic as well as a full list of applications.

As an example, the next image shows applications sorted by higher "Effort to target".

Riuwan containin ure creat covernance		Jeny Fish 👻
FUELE SUMMARY DECISION QUADRANTS EVOLUTION ACTIVITY BANKING	CROSSING	2016/01/01-2016/12/05 🐱
RANKING		^
Group by Not grouped 🛛 👻		
Effort to target TOP 10		
1. Online Presenting	Cobol DEMO2525	
1 Case Of MITES	Lines of code 28,034 Ris Index 180	
1 unweitiger-Con	Global Indicator, 53-33 Effort to surger: 36(337.65	
4 Denobers		
5 Unwithgreichteree		
6. Unsetighe-ingens		
2. Rambing Values		
A Probled Grappings		
1 Person Charthury		
uit caope		
Application	Business Lines of code Risk index Global value	Effort to target
On-line Processing	Dreizel 2,318,463 100 38.09	105,947h
 Cobol DEMSESES 	Medium 23,034 100 53.31	25,027h
 UnrealEngine-Care 	Medium 124,554 100 44,49	20,245h
 DemoBank 	Critical 308,811 100 15-49	14,8094
 UrrealEngine-EpicGenes 	Mexium 256,045 95.99 48.53	6.547h

Click the column names to select the ranking criteria.

📌 kiuwan 🕬		CONTINUNCE										
FILTER SUMMARY	DECISION QUADRANTS EVOL	UTION ACTIVITY	BANBING	CROSSINGS						3	1601/01-2061	205 🕶
RANKI	NG											Â
Group by Not group	el v											
Global indicator	TOP 10											
1.00										_		
à evicore									Kuw	n Rules If code 10		- 1
00407846									C Roki	dec 100 Lindicator 79.56		
5 cool2-prove										to target 16.2		
E Hoste IOS Overfradio												
1.4 Simple Diversifiance												
E. Heislar Mindens Prene App												
Littledular												
21 NTLOP												
Application						Ber	siness alue	Lines of code	Riskinder	Glabal indicator	Effort to target	
 eq1 							ry low	4,507	0.01	90.9	1h 21	
 Orion 							High .	25,134	2.67	04.60	62h 54	
 GW COPS 							-igh	5,004	0	83.68	05m	
 Kuwan Rales 							-igh	80	100	79.56	295.12	C)
 ceces2d-iphone 							righ 👘	41,172	0	79.09	35.47	╺ .

The Ranking can be sorted in ascending or descending order. Click on the selected column to switch between ascending/descending.

Click the arrow on the left of the application to show complete information on that application.

Effort to target TO	REGION QUADIANTS	EVOLUTION	ACTIVITY											
LOHIN PERKING	0P 10			RANDING	CROSSINGS								21601/01-2006/1	205 •
														_
1														
1 unwithpre-cos														
4.0eroteri														
Linetrgreinigen														
Lossbyersper														
1 Autory records														
1 PHILIC STARD-100														
\$ Person-Dispriment														
18. Geoget														
Application									Business value	Lines of code	Risk index	Global indicator	ther to target	
On-line Processing	5								Critical	2,319,493	100	36.89	108,947h	
Reningposition 254 Analysis	4,805 Complexity by function			2,319,4 LINES OF 0	193 xxxx		G	36.89 Iddal Indicato	R		108,5 EFFORT	247H o target		
2015/35/93 13:06 Nodel	2.64 Defects						Curre	e Try	et.					
COMPLILIO	1,145,281					120								
	Duplicated code tatlo 8,7					10								C

Information for the selected application includes:

- The number of files in that application.
- . The lines of code that the application has.
- The values of the quality main indicators: ٠
- Effort to target
- · Quality indicator
- The position of that application in the ranking, depending on its quality.
- The distance to the top, measured in quality values.
 The date of the last analysis run.
- The quality model used in that last analysis.
- The value of the complexity by function.
- The number of defects found and the number of the ones muted, if any.
- ٠ The duplicated code ratio.
- The graphing of the quality main indicators mentioned above.
- The graphing of the distribution in languages of the lines of code.

Portfolio Ranking

You can rank portfolios using the Group by combo-box and selecting a portfolio.

The Ranking page will show then portfolios ordered by selected criteria.

📌 kiuwan 🛛 coor anazysis	UTC 0111 000	DIMANCE								Jerry Fish 👻
FILTER SUMMARY DECISION QUAD	RANTS EVOLUTION	ACTIVITY	RANKING	CROSSINGS						215/07/01-2006/22/05 👻
RANKING										*
Group by Not grouped V										
Global ir _{Business value}										
Madel										
Languages										
Provider										
Application Type										
* ¹ Functional										
5 on Methodology										
E Hoste II Mobile										
To Droject Hanager										
Lington strategy Tax										
konnersor										
21. Attuor										
Application						Business value	Lines of code	Risk index	Global indicator	Effort to target
eq1						Verylow	4,907	0.01	90.9	19/21
 Orion 						High	25,134	2.67	84,68	63554
GW COPS						High	5,004	0	83.68	00m
 Nuven Fales 						High	80	100	72.55	295 12
										20112

What is this used for?

For example, let's suppose that all applications are assigned to a Provider. It would be very interesting to know, for example, which are the providers with higher technical debt.

You can do it selecting the Provider portfolio in the Group by combo.

Name Name <th< th=""><th></th></th<>	
RANNE Control Server Control	
Single/Feaser V Efforts sarget 100-20 Inverses	
Efforts staget (OP 10 Learning)	^
10%4%309	
1. Necketary	
1 cm/km/	
4 (pentezr)	
5 venger	
4 Servition	
1 Segren	
Provider Bosines Lines Goode Riskindes Global Efforts target	
Collectory High 5370 00.72 43.02 2129 Markersey Markers	

In this way, you know at a first glance a ranking of providers based on technical debt.

You can also use filters to add more conditions to the selected criteria.

For example, your company is going to develop a Java application and you need to know the provider with lower technical debt in Java. That provider would be the first candidate to assign the development. To do this, you can use filters as the picture shows.

Riuwan concusus uncerta consumer		Jerry Fizh 👻
TUTER SUMMARY DECISION QUILIDANTS EVOLUTION ACTIVITY RANDONG CRESSINGS		2015/07/01-2005/12/05 ¥
Boulens value Ther Provider Functional Model Mobile Methodology Project Manager A •<	Application Type Languages	General
RANKING		^
Group by Provider v		
Effort to target TOP 10		
1 Oter failing		
1 textbally		
1 Otwinitery		
< specificativy		
a Consigned		
4 3307 Ma		
1 1. Suppose		
Provider	Business Lines of code Risk index value	Gobal Effort to target
	High 5,878 99.72	43.62 2116
 Adobaran app 	Medium 1,125 100	83.52 655.53 😏

When you have selected a portfolio to group the applications, click on the left arrow of a portfolio to show the applications contained in that portfolio.

🖈 kluwan cookuwas urkenas conserves	
TIGER SUMMARY DECISION QUADMANTS EVOLUTION ACTIVITY ANNUNG CROSSINGS	2015/07/01-2006/22/05 👻
RANKING	
Group by Provider 👻	
Effect support 10 2 inverse in	
1 Segure	
Provider Business Liner of code Risk index Gala wher index	al Effort to target
* Chile Factory High 5,838 99,72 43.1	
Addebarra spp Medium 1,225 100 33	
 BAYEA High 4,733 89.68 460 	
 Methods 14,129 41.57 575 	
 Onia facory Low 29,231 20.44 562 	2 503h 😏

The Portfolio rows display the aggregated value of the portfolio based on the contained applications.

Portfolio values are calculated as follows:

- Lines of code and Effort to are calculated as the addition of apps' values.
 Risk index, Global indicator and Business value are weighted means based on apps' lines of code.

As mentioned above, clicking on the right arrow of an application will display the metrics of the last analysis.